



SINOVA

Low Voltage Electrical Products

Price List w.e.f. 15th May 2025

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Index

Contents	Page No.
1 Air Circuit Breakers	4-8
Air circuit breakers - 3WJ	6
2 Moulded Case Circuit Breakers	9-15
Moulded case circuit breakers - 3VJ	11
Accessories for 3VJ	15
3 Load Break Switches	16-23
On Load Changeover Switch - SINOVA 3KJ	17
Accessories and spares for on load changeover switch	18
Switch disconnecter fuse - 3KL8 (4P/3PN/3P)	20
Switch disconnecter fuse - 3KL8 (2P)	21
Switch disconnecter fuse in SS housing - 3KL8 (3PN/4P)	21
Switch disconnecter - 3KA8 (2P/3PN/4P)	22
Accessories for 3KL8/ 3KA8 (2P/3P/3PN/4P)	22
Fuse switch disconnecter - 3NJ4	23
4 Energy Management System	24-26
Power Monitoring Devices NEW SMART 7KT	25
5 Control switches - 3LD4	27-33
ON OFF Switches	28
Instrumentation Selector Switch	28
Changeover Switch	29
Phase Changeover Switch (PCS)	29
Breaker Control Switch	30
Multistep Switch	30
6 Fuses	34-36
DIN fuses - 3NA / Fuse bases (DIN)	35
DIN isolating links - 3NG	35
BS fuses - 3NW	36
Fuse holders and accessories for fuses - 3NW	36
7 Switching & Protection Devices	37-53
Power Contactor - 3MT7 & Accessories NEW	38
Overload Relay - 3MU7 & Accessories NEW	41
Capacitor duty contactors - 3MT7 & Accessories	42
Power contactors - 3TS & Accessories	45
Overload Relay - 3US & Accessories	46
Converter duty contactors - 3TS & Accessories	47
2 Pole contactors - 3TS & Accessories	47
4 Pole contactors - 3TS & Accessories	48
Single pole LED contactors - 3TS	49
Definite purpose contactors - 42.J & 45.J	50
Motor protection circuit breakers - 3VS	52
Accessories for 3VS	53

Contents	Page No.
8 Timing and Monitoring Devices	54-55
Timing and Monitoring relays - 7PV0 / 7UG0	54
Plug-in-relays - 7RQ	55
9 Commanding and Signaling Devices	56-58
Indicating lamps 3SB5 (complete and modular)	56
Push button - 3SB5	57
Push button stations - 3SB5	58
Accessories - 3SB5	58
10 Position switches - 3SE5	59-62
11 SINOVA 5TJ MCB	63
12 Betagard Circuit Protection Devices	64-68
Betagard Miniature Circuit Breakers 5SL6, with C characteristics	65
Betagard Miniature Circuit Breakers 5SL4, with C characteristics	66
Betagard Residual Current Circuit Breakers - 5SV	67
Betagard Isolators - 5TL1	67
Betagard Accessories	68
13 Surge Protection Device - 5SD	69-72
14 Modular devices	73-76
15 Power Quality Solutions - PQS	77-82
LV Power Capacitors - SIECAP™ 4RB	78
Harmonics filter detuned reactor	81
Capacitor duty contactors - 3MT	82
Automatic Power Factor Correction Relay - 7UG	82
16 Available till stocks last & Discontinued	83
17 Customer care	84
18 Terms and conditions	85
19 Sinova Opulenz	87
20 Training centres	inside front cover
21 Your Partners	back cover



3WJ air circuit breakers

Powering infrastructures across the globe

- Conforms to IEC 60947-2
- Rated current - 800A to 4000A
- Mechanical contact erosion indicator
- $I_{cu} = I_{cs} = I_{cw(1s)}$ for complete range
- Integrated LCD display and online test facility
- Breaking capacity upto 55 kA
- Ready to close mechanism for safe operation



Reliable



Safe



Comprehensive



Efficient



Adaptable



Customizable



SIEMENS

ACB: 3WJ

- Conforms to IEC 60947-2
- Rated current - 800A to 4000A
- Mechanical contact erosion indicator
- $I_{cu} = I_{cs} = I_{cw(1s)}$ for complete range
- Integrated LCD display and Online test facility
- Breaking capacity upto 55kA
- Ready to close mechanism for safe operation



Standard breaking capacity, 440 VAC $I_{cu} = I_{cs} = I_{cw(1s)}$

Microprocessor based trip unit ETU360WJ: LSING¹⁾ + Display

Frame Size	Breaking Capacity @440V AC, 50/60Hz	Rated current In (A)		Withdrawable design with Guide Frame ²⁾			
				3 Pole #	Unit LP* ₹	4 Pole #	Unit LP* ₹
I	50kA	800	MDO	3WJ1108-2AF52-1AA0	265250.-	3WJ1108-2AF62-1AA0	350185.-
			EDO	3WJ1108-2AF52-4DA4	341665.-	3WJ1108-2AF62-4DA4	426600.-
		1000	MDO	3WJ1110-2AF52-1AA0	272710.-	3WJ1110-2AF62-1AA0	356585.-
			EDO	3WJ1110-2AF52-4DA4	349125.-	3WJ1110-2AF62-4DA4	433000.-
		1250	MDO	3WJ1112-2AF52-1AA0	304735.-	3WJ1112-2AF62-1AA0	364365.-
			EDO	3WJ1112-2AF52-4DA4	381150.-	3WJ1112-2AF62-4DA4	440780.-
		1600	MDO	3WJ1116-2AF52-1AA0	334670.-	3WJ1116-2AF62-1AA0	407350.-
			EDO	3WJ1116-2AF52-4DA4	411085.-	3WJ1116-2AF62-4DA4	483765.-
II	55kA	2000	MDO	3WJ1220-2AF52-1AA0	466780.-	3WJ1220-2AF62-1AA0	576630.-
			EDO	3WJ1220-2AF52-4DA4	543195.-	3WJ1220-2AF62-4DA4	653045.-
		2500	MDO	3WJ1225-2AF52-1AA0	530025.-	3WJ1225-2AF62-1AA0	676370.-
			EDO	3WJ1225-2AF52-4DA4	606440.-	3WJ1225-2AF62-4DA4	752785.-
		3200	MDO	3WJ1232-2AF52-1AA0	682265.-	3WJ1232-2AF62-1AA0	839240.-
			EDO	3WJ1232-2AF52-4DA4	758680.-	3WJ1232-2AF62-4DA4	915655.-
		4000	MDO	3WJ1240-2AF51-1AA0	794055.-	3WJ1240-2AF61-1AA0	1008450.-
			EDO	3WJ1240-2AF51-4DA4	870470.-	3WJ1240-2AF61-4DA4	1084865.-

ETU350WJ: LSI + Display

↑ E Reduce 7190.- ↑ E Reduce 7190.-

Microprocessor based trip unit ETU360WJ: LSING¹⁾ + Display

Frame Size	Breaking Capacity @440V AC, 50/60Hz	Rated current In (A)		Fixed Mounted design ³⁾			
				3 Pole #	Unit LP* ₹	4 Pole #	Unit LP* ₹
I	50kA	800	MF	3WJ1108-2AF02-1AA0	196990.-	3WJ1108-2AF12-1AA0	274645.-
			EF	3WJ1108-2AF02-4DA4	273405.-	3WJ1108-2AF12-4DA4	351060.-
		1000	MF	3WJ1110-2AF02-1AA0	201000.-	3WJ1110-2AF12-1AA0	291515.-
			EF	3WJ1110-2AF02-4DA4	277415.-	3WJ1110-2AF12-4DA4	367930.-
		1250	MF	3WJ1112-2AF02-1AA0	250230.-	3WJ1112-2AF12-1AA0	297940.-
			EF	3WJ1112-2AF02-4DA4	326645.-	3WJ1112-2AF12-4DA4	374355.-
		1600	MF	3WJ1116-2AF02-1AA0	261115.-	3WJ1116-2AF12-1AA0	326425.-
			EF	3WJ1116-2AF02-4DA4	337530.-	3WJ1116-2AF12-4DA4	402840.-
II	55kA	2000	MF	3WJ1220-2AF02-1AA0	325460.-	3WJ1220-2AF12-1AA0	471335.-
			EF	3WJ1220-2AF02-4DA4	401875.-	3WJ1220-2AF12-4DA4	547750.-
		2500	MF	3WJ1225-2AF02-1AA0	368630.-	3WJ1225-2AF12-1AA0	555105.-
			EF	3WJ1225-2AF02-4DA4	445045.-	3WJ1225-2AF12-4DA4	631520.-
		3200	MF	3WJ1232-2AF02-1AA0	566355.-	3WJ1232-2AF12-1AA0	699640.-
			EF	3WJ1232-2AF02-4DA4	642770.-	3WJ1232-2AF12-4DA4	776055.-
		4000	MF	3WJ1240-2AF01-1AA0	686255.-	3WJ1240-2AF11-1AA0	948830.-
			EF	3WJ1240-2AF01-4DA4	762670.-	3WJ1240-2AF11-4DA4	1025245.-

ETU350WJ: LSI + Display

↑ E Reduce 7190.- ↑ E Reduce 7190.-

For Non-Automatic ACBs please deduct ₹ 8630/- from the LPs of the ACBs. For type nos. of Non-Automatic ACBs please contact your nearest Siemens Sales Office

L: Overload protection S: Delayed Short Circuit protection

I: Short circuit protection

G: Ground fault protection¹⁾

N: Neutral protection¹⁾

Standard accessories included for electrical ACB (EDO/EF) = Motor operated mechanism, with mechanical and electrical closing, motor and closing solenoid of 220-240V AC/DC and shunt release of 220-240V AC/DC.

¹⁾ Current transformer for N-conductor shall be ordered separately for 3P ACB with Earth Fault and Neutral Conductor Protection.

²⁾ Standard Accessories included for draw out type ACB (EDO/MDO) = Safety shutter, door sealing frame, trip unit transparent cover, auxiliary contacts 2NO+ 2NC

³⁾ Standard accessories included for fixed type ACB (EF/MF) = Door sealing frame, trip unit transparent cover, auxiliary contacts 2NO+2NC

For complete ordering code please contact your nearest Siemens Sales Office

Std. Pkg. = 1 unit

* LP - List Price

Add-on options (Factory fitted)

Description	Unit LP* ₹	
Ready to close signal switch	4780.-	
Trip signal switch (Not applicable for Non-Automatic Circuit Breakers)	4780.-	
Position Signal Switch (3x connected, 2x test, 1x disconnected)	16100.-	
Castell lock mounting kit ¹⁾	5690.-	
Blocking Device for preventing opening of cubicle door in service position: for Withdrawable Breaker (Door interlock)	11825.-	
Mutual Mechanical Interlocking (Bowden wire interlocking module with 2m cable)	For Fixed Circuit Breakers	26530.-
	For Withdrawable Circuit Breakers with guide frame	24630.-

¹⁾ Locks to be ordered separately. Refer Page 8

3WJ Accessories & Spares

Auxiliary Releases & Operating mechanism

Description	Type	Unit LP* ₹
Closing coil (CC) / Shunt trip (ST)		
Suitable for continuous duty	DC 24 V	3WJ9111-0AD01 8130.-
	AC 110 ... 127 V / DC 110 ... 125 V	3WJ9111-0AD05 8130.-
	AC 220 ... 240 V / DC 220 ... 250 V	3WJ9111-0AD06 8130.-
Undervoltage release (UVR)		
with Undervoltage Release (UVR), instantaneous (≤ 80 ms), short delay (≤ 200 ms)	DC 24 V	3WJ9111-0AE01 9385.-
	AC 110 ... 127 V / DC 110 ... 125 V	3WJ9111-0AE05 9385.-
	AC 220 ... 240 V / DC 220 ... 250 V	3WJ9111-0AE06 9385.-
	AC 380 ... 415 V	3WJ9111-0AE07 9385.-
with Undervoltage Release (UVR-t), adjustable 0.2 s and 3.2 s	AC 110 ... 127 V / DC 110 ... 125 V	3WJ9111-0AE15 29410.-
	AC 220 ... 240 V / DC 220 ... 250 V	3WJ9111-0AE16 29410.-
	AC 380 ... 415 V	3WJ9111-0AE17 26465.-
Operating mechanism		
Spring charging motor to charged the stored energy mechanism	DC 24 V	3WJ9111-0AF01 88195.-
	AC 110 ... 127 V / DC 110 ... 125 V	3WJ9111-0AF05 88195.-
	AC 220 ... 240 V / DC 220 ... 250 V	3WJ9111-0AF06 88195.-

Accessories for electronic trip unit

Description	Type	Unit LP* ₹
Sealable & lockable covers		
Transparent cover for ETU 350/360 WJ	3WJ9111-0EM21	335.-
Indication / operator control elements		
Ready-to-close signal switch	3WJ9111-0AH01	5410.-
1st trip signal switch	3WJ9111-0AH02	5410.-
5 digit Mechanical Operating cycle counter	3WJ9111-0AH04	15340.-
Position signaling switch for withdrawable circuit breakers	PSS: 6 changeover contacts; 3x connected position, 2x test position, 1x disconnected position	3WJ9111-0AH11 18370.-
Auxiliary Switch	2 NO and 2 NC contacts	S1/S2 3WJ9111-0AG01 4550.-
	3 NO and 1 NC contacts	S3/S4 3WJ9111-0AG02 4550.-
	4 NO Contacts	S3/S4 3WJ9111-0AG03 4550.-
	2 NO and 2 NC contacts	S3/S4 3WJ9111-0AG04 4550.-
External current sensors for N-conductor		
without copper connectors	FS I	3WJ9111-0AA21 29955.-
	FS II	3WJ9111-0AA22 36415.-
with copper connectors	FS I	3WJ9111-0AA31 32880.-
	FS II	3WJ9111-0AA32 37735.-

Std. Pkg. = 1 unit

* LP - List Price

3WJ Accessories & Spares (Contd.)

Description		Type	Unit LP* ₹
Other operating / mounting accessories			
Door sealing frame	IP 41	3WJ9111-0AP01	3575.-
Protective cover	IP 55	3WJ9111-0AP03	POR
Crank handle (to be ordered separately)		3WJ9111-0BC01	2185.-
Sealing cap for ON/OFF push button		3WJ9111-0AP05	POR
Locking accessories			
To prevent unauthorized activation in the operator panel of the circuit breaker.	Mounting kit for CASTELL ¹⁾	3WJ9111-0BA31	13155.-
	Safety lock (3SB1) instead of the OFF button. CES lock	3WJ9111-0BA35	5820.-
Castell lock (¹⁾ To be ordered separately with Factory fitted option Castell lock mounting kit or with accessory 3WJ9111-0BA31)	Type A	3WX3663-6JELA	6870.-
	Type B	3WX3663-6JELB	6870.-
	Type C	3WX3663-6JELC	6870.-
	Type D	3WX3663-6JELD	6870.-
	Type AB	3WX3663-6JELAB	6870.-
	Type AC	3WX3663-6JELAC	6870.-
Interlocking accessories			
For fixed-mounted circuit breakers	To prevent opening of the cabinet door in ON condition (Door interlock)	3WJ9111-0BB12	14265.-
For withdrawable circuit breakers	To prevent opening of the control cabinet door in connected position (Door interlock)	3WJ9111-0BB13	14265.-
Mutual mechanical Interlocking accessories			
Interlocking module with Bowden cable 2 m	For fixed-mounted breakers	3WJ9111-0BB21	33550.-
	For withdrawable circuit breakers with guide frame (R55)	3WJ9111-0BB22	33550.-
Bowden cable	2000 mm	3WJ9111-0BB41	9585.-
	3000 mm	3WJ9111-0BB42	13345.-
	4500 mm	3WJ9111-0BB43	17255.-

Std. Pkg. = 1 unit

POR: Price On Request

* LP - List Price

SINOVA THE POWER OF **SIMPLICITY**

3VJ2 moulded case circuit breakers

Microprocessor Based Trip Unit



Compact
Efficient design



Versatile
For various applications



Reliable
Siemens trusted quality



Operational efficiency
Reduced downtime

NEW



Product highlights

Range

Current rating from
160A to 630A

Ics = Icu =
55kA

Enhanced protection

Microprocessor trip units

- L : Overload protection
- S : Short time delayed short circuit protection
- I : Instantaneous short circuit protection
- G : Ground fault protection



Enhanced protection

Microprocessor Based trip units



Color coded
Knob switches

3P, 4P
LSI, LSIG

Approbations

RoHS

IEC 60947-1
General rules

IEC 60947-2
Circuit breakers

IEC 60947-5-1

Control circuit devices and switching elements - Electromechanical control circuit devices

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SINOVA THE POWER OF **SIMPLICITY**

3VJ1 moulded case circuit breakers

Thermal Magnetic Trip Unit



Compact
Efficient design



Versatile
For various
applications



Reliable
Siemens trusted
quality



Operational
efficiency
Reduced
downtime



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3VJ Moulded Case Circuit Breaker

3VJ10 MCCB, Thermal Magnetic Trip Unit, Fixed Thermal Fixed Magnetic (FTFM), 415VAC, 50Hz

Frame Size	Breaking Capacity @415V AC, 50/60Hz	Rated Current In (A)	2 Pole Type	Unit MRP* ₹	3 Pole Type	Unit MRP* ₹	4 Pole Type	Unit MRP* ₹
3VJ10 (VJ1 125X)	10kA	16	3VJ1096-0DA22-0AA0	3260.-	3VJ1096-0DA32-0AA0	4045.-	3VJ1096-0EA42-0AA0	5800.-
		20	3VJ1002-0DA22-0AA0	3260.-	3VJ1002-0DA32-0AA0	4045.-	3VJ1002-0EA42-0AA0	5800.-
		25	3VJ1092-0DA22-0AA0	3260.-	3VJ1092-0DA32-0AA0	4045.-	3VJ1092-0EA42-0AA0	5800.-
		32	3VJ1003-0DA22-0AA0	3260.-	3VJ1003-0DA32-0AA0	4045.-	3VJ1003-0EA42-0AA0	5800.-
		40	3VJ1004-0DA22-0AA0	3260.-	3VJ1004-0DA32-0AA0	4045.-	3VJ1004-0EA42-0AA0	5800.-
		50	3VJ1005-0DA22-0AA0	3260.-	3VJ1005-0DA32-0AA0	4045.-	3VJ1005-0EA42-0AA0	5800.-
		63	3VJ1006-0DA22-0AA0	3260.-	3VJ1006-0DA32-0AA0	4045.-	3VJ1006-0EA42-0AA0	5800.-
		80	3VJ1008-0DA22-0AA0	3260.-	3VJ1008-0DA32-0AA0	4045.-	3VJ1008-0EA42-0AA0	5800.-
		100	3VJ1010-0DA22-0AA0	3260.-	3VJ1010-0DA32-0AA0	4045.-	3VJ1010-0EA42-0AA0	5800.-
	125	3VJ1012-0DA22-0AA0	5035.-	3VJ1012-0DA32-0AA0	6070.-	3VJ1012-0EA42-0AA0	8695.-	
	18kA	16	3VJ1096-1DA22-0AA0	4505.-	3VJ1096-1DA32-0AA0	6505.-	3VJ1096-1EA42-0AA0	8345.-
		20	3VJ1002-1DA22-0AA0	4505.-	3VJ1002-1DA32-0AA0	6505.-	3VJ1002-1EA42-0AA0	8345.-
		25	3VJ1092-1DA22-0AA0	4505.-	3VJ1092-1DA32-0AA0	6505.-	3VJ1092-1EA42-0AA0	8345.-
		32	3VJ1003-1DA22-0AA0	4505.-	3VJ1003-1DA32-0AA0	6505.-	3VJ1003-1EA42-0AA0	8345.-
		40	3VJ1004-1DA22-0AA0	4505.-	3VJ1004-1DA32-0AA0	6505.-	3VJ1004-1EA42-0AA0	8345.-
		50	3VJ1005-1DA22-0AA0	4505.-	3VJ1005-1DA32-0AA0	6505.-	3VJ1005-1EA42-0AA0	8345.-
		63	3VJ1006-1DA22-0AA0	4505.-	3VJ1006-1DA32-0AA0	6505.-	3VJ1006-1EA42-0AA0	8345.-
		80	3VJ1008-1DA22-0AA0	4505.-	3VJ1008-1DA32-0AA0	6505.-	3VJ1008-1EA42-0AA0	8345.-
		100	3VJ1010-1DA22-0AA0	4505.-	3VJ1010-1DA32-0AA0	6505.-	3VJ1010-1EA42-0AA0	8345.-
	125	3VJ1012-1DA22-0AA0	5215.-	3VJ1012-1DA32-0AA0	7460.-	3VJ1012-1EA42-0AA0	9705.-	
	25kA	16	3VJ1096-3DA22-0AA0	5410.-	3VJ1096-3DA32-0AA0	7095.-	3VJ1096-3EA42-0AA0	9410.-
		20	3VJ1002-3DA22-0AA0	5410.-	3VJ1002-3DA32-0AA0	7095.-	3VJ1002-3EA42-0AA0	9410.-
		25	3VJ1092-3DA22-0AA0	5410.-	3VJ1092-3DA32-0AA0	7095.-	3VJ1092-3EA42-0AA0	9410.-
		32	3VJ1003-3DA22-0AA0	5410.-	3VJ1003-3DA32-0AA0	7095.-	3VJ1003-3EA42-0AA0	9410.-
		40	3VJ1004-3DA22-0AA0	5410.-	3VJ1004-3DA32-0AA0	7095.-	3VJ1004-3EA42-0AA0	9410.-
		50	3VJ1005-3DA22-0AA0	5410.-	3VJ1005-3DA32-0AA0	7095.-	3VJ1005-3EA42-0AA0	9410.-
		63	3VJ1006-3DA22-0AA0	5410.-	3VJ1006-3DA32-0AA0	7095.-	3VJ1006-3EA42-0AA0	9410.-
		80	3VJ1008-3DA22-0AA0	5410.-	3VJ1008-3DA32-0AA0	7095.-	3VJ1008-3EA42-0AA0	9410.-
		100	3VJ1010-3DA22-0AA0	5410.-	3VJ1010-3DA32-0AA0	7095.-	3VJ1010-3EA42-0AA0	9410.-
	125	3VJ1012-3DA22-0AA0	5410.-	3VJ1012-3DA32-0AA0	8105.-	3VJ1012-3EA42-0AA0	10345.-	

Notes:

Phase barriers are included in the standard MCCB packing

^2P in 3P Frame Size Std. Pkg. = 1 unit * MRP - Max. Retail Price

For single pole 3VJ MCCB, please contact your nearest Siemens Sales Office.



3VJ MCCB, Thermal Magnetic Trip Unit, Fixed Thermal Fixed Magnetic (FTFM), 415VAC, 50Hz

Frame Size	Breaking Capacity @415V AC, 50/60Hz	Rated Current In (A)	2 Pole Type	Unit MRP* ₹	3 Pole Type	Unit MRP* ₹	4 Pole Type	Unit MRP* ₹
3VJ12 (VJ1 250)	25kA	160	3VJ1216-3DA22-0AA0	10985.-	3VJ1216-3DA32-0AA0	12735.-	3VJ1216-3EA42-0AA0	16755.-
		200	3VJ1220-3DA22-0AA0	11110.-	3VJ1220-3DA32-0AA0	12935.-	3VJ1220-3EA42-0AA0	18395.-
		250	3VJ1225-3DA22-0AA0	11225.-	3VJ1225-3DA32-0AA0	14555.-	3VJ1225-3EA42-0AA0	19165.-
3VJ13 (VJ1 400)	25kA	320	-	-	3VJ1332-3DA32-0AA0	28830.-	3VJ1332-3EA42-0AA0	37130.-
		400	-	-	3VJ1340-3DA32-0AA0	28830.-	3VJ1340-3EA42-0AA0	37130.-
3VJ11 (VJ1 125)	36kA	16	3VJ1196-5DA22-0AA0	8325.-	3VJ1196-5DA32-0AA0	9900.-	3VJ1196-5EA42-0AA0	13080.-
		20	3VJ1102-5DA22-0AA0	8325.-	3VJ1102-5DA32-0AA0	9900.-	3VJ1102-5EA42-0AA0	13080.-
		25	3VJ1192-5DA22-0AA0	8325.-	3VJ1192-5DA32-0AA0	9900.-	3VJ1192-5EA42-0AA0	13080.-
		32	3VJ1103-5DA22-0AA0	8325.-	3VJ1103-5DA32-0AA0	9900.-	3VJ1103-5EA42-0AA0	13080.-
		40	3VJ1104-5DA22-0AA0	8325.-	3VJ1104-5DA32-0AA0	9900.-	3VJ1104-5EA42-0AA0	13080.-
		50	3VJ1105-5DA22-0AA0	8325.-	3VJ1105-5DA32-0AA0	9900.-	3VJ1105-5EA42-0AA0	13080.-
		63	3VJ1106-5DA22-0AA0	8325.-	3VJ1106-5DA32-0AA0	9900.-	3VJ1106-5EA42-0AA0	13080.-
		80	3VJ1108-5DA22-0AA0	8325.-	3VJ1108-5DA32-0AA0	10195.-	3VJ1108-5EA42-0AA0	13485.-
		100	3VJ1110-5DA22-0AA0	8325.-	3VJ1110-5DA32-0AA0	10195.-	3VJ1110-5EA42-0AA0	13485.-
3VJ12 (VJ1 250)	36kA	125	3VJ1112-5DA22-0AA0	8325.-	3VJ1112-5DA32-0AA0	11215.-	3VJ1112-5EA42-0AA0	14655.-
		160	3VJ1216-5DA22-0AA0	11585.-	3VJ1216-5DA32-0AA0	14260.-	3VJ1216-5EA42-0AA0	17345.-
		200	3VJ1220-5DA22-0AA0	12205.-	3VJ1220-5DA32-0AA0	17585.-	3VJ1220-5EA42-0AA0	22695.-
3VJ13 (VJ1 400)	36kA	250	3VJ1225-5DA22-0AA0	13775.-	3VJ1225-5DA32-0AA0	20210.-	3VJ1225-5EA42-0AA0	26010.-
		320	-	-	3VJ1332-5DA32-0AA0	29550.-	3VJ1332-5EA42-0AA0	37850.-
3VJ14 (VJ1 630)	36kA	400	-	-	3VJ1340-5DA32-0AA0	29550.-	3VJ1340-5EA42-0AA0	37850.-
		500	-	-	3VJ1450-5DA32-0AA0	44330.-	3VJ1450-5EA42-0AA0	56780.-
3VJ11 (VJ1 125)	36kA	630	-	-	3VJ1463-5DA32-0AA0	44330.-	3VJ1463-5EA42-0AA0	56780.-
		16	3VJ1196-7DA22-0AA0	8760.-	3VJ1196-7DA32-0AA0	12665.-	3VJ1196-7EA42-0AA0	16710.-
3VJ11 (VJ1 125)	55kA	20	3VJ1102-7DA22-0AA0	8760.-	3VJ1102-7DA32-0AA0	12665.-	3VJ1102-7EA42-0AA0	16710.-
		25	3VJ1192-7DA22-0AA0	8760.-	3VJ1192-7DA32-0AA0	12665.-	3VJ1192-7EA42-0AA0	16710.-
		32	3VJ1103-7DA22-0AA0	8760.-	3VJ1103-7DA32-0AA0	12665.-	3VJ1103-7EA42-0AA0	16710.-
		40	3VJ1104-7DA22-0AA0	8760.-	3VJ1104-7DA32-0AA0	12665.-	3VJ1104-7EA42-0AA0	16710.-
		50	3VJ1105-7DA22-0AA0	8760.-	3VJ1105-7DA32-0AA0	12665.-	3VJ1105-7EA42-0AA0	16710.-
		63	3VJ1106-7DA22-0AA0	8760.-	3VJ1106-7DA32-0AA0	12665.-	3VJ1106-7EA42-0AA0	16710.-
		80	3VJ1108-7DA22-0AA0	8760.-	3VJ1108-7DA32-0AA0	12665.-	3VJ1108-7EA42-0AA0	16710.-
		100	3VJ1110-7DA22-0AA0	8760.-	3VJ1110-7DA32-0AA0	12665.-	3VJ1110-7EA42-0AA0	16710.-
		125	3VJ1112-7DA22-0AA0	8760.-	3VJ1112-7DA32-0AA0	13940.-	3VJ1112-7EA42-0AA0	18380.-
3VJ12 (VJ1 250)	55kA	160	3VJ1216-7DA22-0AA0	12560.-	3VJ1216-7DA32-0AA0	17640.-	3VJ1216-7EA42-0AA0	23300.-
		200	3VJ1220-7DA22-0AA0	12810.-	3VJ1220-7DA32-0AA0	20285.-	3VJ1220-7EA42-0AA0	26785.-
		250	3VJ1225-7DA22-0AA0	14030.-	3VJ1225-7DA32-0AA0	23325.-	3VJ1225-7EA42-0AA0	30810.-
3VJ13 (VJ1 400)	55kA	320	-	-	3VJ1332-7DA32-0AA0	30275.-	3VJ1332-7EA42-0AA0	38940.-
		400	-	-	3VJ1340-7DA32-0AA0	30275.-	3VJ1340-7EA42-0AA0	38940.-
3VJ14 (VJ1 630)	55kA	500	-	-	3VJ1450-7DA32-0AA0	45410.-	3VJ1450-7EA42-0AA0	58395.-
		630	-	-	3VJ1463-7DA32-0AA0	45410.-	3VJ1463-7EA42-0AA0	58395.-

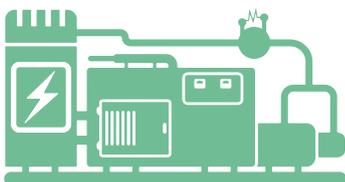
Notes:

Phase barriers are included in the standard MCCB packing

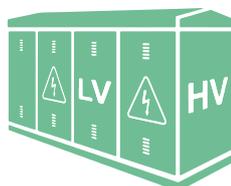
^2P in 3P Frame Size

Std. Pkg. = 1 unit

* MRP - Max. Retail Price



Diesel Generator



Compact Substation



Utility Feeder Panel

3VJ10 MCCB, Thermal Magnetic Trip Unit, Adjustable Thermal Fixed Magnetic (ATFM), 415VAC, 50Hz

Frame Size	Breaking Capacity @415V AC, 50/60Hz	Rated Current In (A)	3 Pole Type	Unit MRP* ₹	4 Pole Type	Unit MRP* ₹	
3VJ10 (VJ1 125X)	10kA	16	3VJ1096-0DB32-0AA0	5155.-	3VJ1096-0EB42-0AA0	6965.-	
		20	3VJ1002-0DB32-0AA0	5155.-	3VJ1002-0EB42-0AA0	6965.-	
		25	3VJ1092-0DB32-0AA0	5155.-	3VJ1092-0EB42-0AA0	6965.-	
		32	3VJ1003-0DB32-0AA0	5155.-	3VJ1003-0EB42-0AA0	6965.-	
		40	3VJ1004-0DB32-0AA0	5155.-	3VJ1004-0EB42-0AA0	6965.-	
		50	3VJ1005-0DB32-0AA0	5155.-	3VJ1005-0EB42-0AA0	6965.-	
		63	3VJ1006-0DB32-0AA0	5155.-	3VJ1006-0EB42-0AA0	6965.-	
		80	3VJ1008-0DB32-0AA0	5155.-	3VJ1008-0EB42-0AA0	6965.-	
		100	3VJ1010-0DB32-0AA0	5155.-	3VJ1010-0EB42-0AA0	6965.-	
		125	3VJ1012-0DB32-0AA0	7415.-	3VJ1012-0EB42-0AA0	10465.-	
		18kA	16	3VJ1096-1DB32-0AA0	7795.-	3VJ1096-1EB42-0AA0	10005.-
			20	3VJ1002-1DB32-0AA0	7795.-	3VJ1002-1EB42-0AA0	10005.-
	25		3VJ1092-1DB32-0AA0	7795.-	3VJ1092-1EB42-0AA0	10005.-	
	32		3VJ1003-1DB32-0AA0	7795.-	3VJ1003-1EB42-0AA0	10005.-	
	40		3VJ1004-1DB32-0AA0	7795.-	3VJ1004-1EB42-0AA0	10005.-	
	50		3VJ1005-1DB32-0AA0	7795.-	3VJ1005-1EB42-0AA0	10005.-	
	63		3VJ1006-1DB32-0AA0	7795.-	3VJ1006-1EB42-0AA0	10005.-	
	80		3VJ1008-1DB32-0AA0	7795.-	3VJ1008-1EB42-0AA0	10005.-	
	100		3VJ1010-1DB32-0AA0	7795.-	3VJ1010-1EB42-0AA0	10005.-	
	125		3VJ1012-1DB32-0AA0	8935.-	3VJ1012-1EB42-0AA0	11635.-	
	25kA		16	3VJ1096-3DB32-0AA0	8955.-	3VJ1096-3EB42-0AA0	11875.-
			20	3VJ1002-3DB32-0AA0	8955.-	3VJ1002-3EB42-0AA0	11875.-
		25	3VJ1092-3DB32-0AA0	8955.-	3VJ1092-3EB42-0AA0	11875.-	
		32	3VJ1003-3DB32-0AA0	8955.-	3VJ1003-3EB42-0AA0	11875.-	
		40	3VJ1004-3DB32-0AA0	8955.-	3VJ1004-3EB42-0AA0	11875.-	
		50	3VJ1005-3DB32-0AA0	8955.-	3VJ1005-3EB42-0AA0	11875.-	
		63	3VJ1006-3DB32-0AA0	8955.-	3VJ1006-3EB42-0AA0	11875.-	
		80	3VJ1008-3DB32-0AA0	8955.-	3VJ1008-3EB42-0AA0	11875.-	
		100	3VJ1010-3DB32-0AA0	8955.-	3VJ1010-3EB42-0AA0	11875.-	
		125	3VJ1012-3DB32-0AA0	10215.-	3VJ1012-3EB42-0AA0	13055.-	

Notes:
 Phase barriers are included in the standard MCCB packing
 Std. Pkg. = 1 unit * MRP - Max. Retail Price

Circuit Breakers



3VJ MCCB, Thermal Magnetic Trip Unit, Adjustable Thermal Fixed Magnetic (ATFM), 415VAC, 50Hz

Frame Size	Breaking Capacity @415V AC, 50/60Hz	Rated Current In (A)	3 Pole Type	Unit MRP* ₹	4 Pole Type	Unit MRP* ₹	
3VJ12 (VJ1 250)	25kA	160	3VJ1216-3DB32-0AA0	14360.-	3VJ1216-3EB42-0AA0	17480.-	
		200	3VJ1220-3DB32-0AA0	15505.-	3VJ1220-3EB42-0AA0	19515.-	
		250	3VJ1225-3DB32-0AA0	17450.-	3VJ1225-3EB42-0AA0	22980.-	
3VJ13 (VJ1 400)		320	3VJ1332-3DB32-0AA0	32655.-	3VJ1332-3EB42-0AA0	42055.-	
		400	3VJ1340-3DB32-0AA0	32655.-	3VJ1340-3EB42-0AA0	42055.-	
		3VJ11 (VJ1 125)	16	3VJ1196-5DB32-0AA0	11875.-	3VJ1196-5EB42-0AA0	15685.-
20	3VJ1102-5DB32-0AA0		11875.-	3VJ1102-5EB42-0AA0	15685.-		
25	3VJ1192-5DB32-0AA0		11875.-	3VJ1192-5EB42-0AA0	15685.-		
32	3VJ1103-5DB32-0AA0		11875.-	3VJ1103-5EB42-0AA0	15685.-		
40	3VJ1104-5DB32-0AA0		11875.-	3VJ1104-5EB42-0AA0	15685.-		
50	3VJ1105-5DB32-0AA0		11875.-	3VJ1105-5EB42-0AA0	15685.-		
63	3VJ1106-5DB32-0AA0		11875.-	3VJ1106-5EB42-0AA0	15685.-		
80	3VJ1108-5DB32-0AA0		11875.-	3VJ1108-5EB42-0AA0	15685.-		
100	3VJ1110-5DB32-0AA0		11875.-	3VJ1110-5EB42-0AA0	15685.-		
125	3VJ1112-5DB32-0AA0		13450.-	3VJ1112-5EB42-0AA0	17050.-		
3VJ12 (VJ1 250)	36kA		160	3VJ1216-5DB32-0AA0	16290.-	3VJ1216-5EB42-0AA0	19805.-
			200	3VJ1220-5DB32-0AA0	21085.-	3VJ1220-5EB42-0AA0	27215.-
		250	3VJ1225-5DB32-0AA0	24240.-	3VJ1225-5EB42-0AA0	31190.-	
3VJ13 (VJ1 400)		320	3VJ1332-5DB32-0AA0	33470.-	3VJ1332-5EB42-0AA0	42870.-	
		400	3VJ1340-5DB32-0AA0	33470.-	3VJ1340-5EB42-0AA0	42870.-	
3VJ14 (VJ1 630)		500	3VJ1450-5DB32-0AA0	50210.-	3VJ1450-5EB42-0AA0	64305.-	
		630	3VJ1463-5DB32-0AA0	50210.-	3VJ1463-5EB42-0AA0	64305.-	
3VJ11 (VJ1 125)		55kA	16	3VJ1196-7DB32-0AA0	14345.-	3VJ1196-7EB42-0AA0	18920.-
			20	3VJ1102-7DB32-0AA0	14345.-	3VJ1102-7EB42-0AA0	18920.-
			25	3VJ1192-7DB32-0AA0	14345.-	3VJ1192-7EB42-0AA0	18920.-
			32	3VJ1103-7DB32-0AA0	14345.-	3VJ1103-7EB42-0AA0	18920.-
			40	3VJ1104-7DB32-0AA0	14345.-	3VJ1104-7EB42-0AA0	18920.-
	50		3VJ1105-7DB32-0AA0	14345.-	3VJ1105-7EB42-0AA0	18920.-	
	63		3VJ1106-7DB32-0AA0	14345.-	3VJ1106-7EB42-0AA0	18920.-	
	80		3VJ1108-7DB32-0AA0	14345.-	3VJ1108-7EB42-0AA0	18920.-	
	100		3VJ1110-7DB32-0AA0	14345.-	3VJ1110-7EB42-0AA0	18920.-	
	125		3VJ1112-7DB32-0AA0	15780.-	3VJ1112-7EB42-0AA0	20820.-	
	3VJ12 (VJ1 250)		160	3VJ1216-7DB32-0AA0	18885.-	3VJ1216-7EB42-0AA0	24945.-
			200	3VJ1220-7DB32-0AA0	21720.-	3VJ1220-7EB42-0AA0	28675.-
250		3VJ1225-7DB32-0AA0	24965.-	3VJ1225-7EB42-0AA0	32980.-		
3VJ13 (VJ1 400)	320	3VJ1332-7DB32-0AA0	34290.-	3VJ1332-7EB42-0AA0	44100.-		
	400	3VJ1340-7DB32-0AA0	34290.-	3VJ1340-7EB42-0AA0	44100.-		
3VJ14 (VJ1 630)	500	3VJ1450-7DB32-0AA0	51435.-	3VJ1450-7EB42-0AA0	66145.-		
	630	3VJ1463-7DB32-0AA0	51435.-	3VJ1463-7EB42-0AA0	66145.-		

Notes: Phase barriers are included in the standard MCCB packing

Earth Fault Protection for 3VJ MCCBs

Description	Type	Unit LP* ₹
Earth fault monitoring relay • Auxiliary voltage: 85-270V AC/DC • Change over contact: 2C/O • Width: 35mm module	7UG0861-1BU20	6720.-
CBCT for EFR: Suitable for 3VJ10 up to 125A	3P	7UG09910
	4P	7UG09911
CBCT for EFR: Suitable for 3VJ11 up to 125A	3P	7UG09911
	4P	7UG09911
CBCT for EFR: Suitable for 3VJ12 up to 250A	3P	7UG09912
	4P	7UG09913
CBCT for EFR: Suitable for 3VJ13/14 upto 630A	3P	7UG09915

Earth Leakage Protection for 3VJ MCCBs

Description	Type	Unit LP* ₹
Earth leakage relay 1Ph-2W, 3Ph-3W, 3Ph-4W	110VAC	7UG0841-1CB20
	230VAC	7UG0842-1CD20
CBCT for ELR	35 mm dia	7UG0996
	70 mm dia	7UG0997
	120 mm dia	7UG0999
	210 mm dia	7UG0994
	310 mm dia	7UG0995

Note: Order 1 no of shunt trip for MCCB separately along with earth fault relay / earth leakage relay

Std. Pkg. = 1 unit

* MRP - Max. Retail Price

LP = List Price

3VJ Internal accessories

Frame Size	Accessory compartment/ Coil voltage	3VJ10 (VJ1 125X)	Unit MRP* ₹	3VJ11 (VJ1 125)	Unit MRP* ₹	3VJ12 (VJ1 250)	Unit MRP* ₹	3VJ13/14 (VJ1 400/630)	Unit MRP* ₹
Auxiliary Switches (AUX)	Left	3VJ9018-0AN11	1780.-	3VJ9218-0AN11	1835.-	3VJ9218-0AN11	1835.-	3VJ9417-0AN11	1995.-
	Right	-	-	3VJ9218-0AN21	1835.-	3VJ9218-0AN21	1835.-	3VJ9417-0AN21	1995.-
Alarm Switches (AL)	Left	3VJ9018-0AA11	1780.-	3VJ9118-0AA11	1780.-	3VJ9218-0AA11	1835.-	3VJ9417-0AA11	1995.-
	Right	-	-	3VJ9118-0AA21	1780.-	3VJ9218-0AA21	1835.-	3VJ9417-0AA21	1995.-
Auxiliary + Alarm Switches (AUX+AL)	Left	3VJ9018-0AD11	2885.-	3VJ9118-0AD11	2885.-	3VJ9218-0AD11	3025.-	3VJ9417-0AD11	3435.-
	Right	-	-	3VJ9118-0AD21	2885.-	3VJ9218-0AD21	3025.-	3VJ9417-0AD21	3435.-
Shunt Trip (Right) (ST)	24V DC	-	-	3VJ9218-0ST11	3670.-	3VJ9218-0ST11	3670.-	-	-
	24V AC/DC	-	-	-	-	-	-	3VJ9417-0ST21	4125.-
	48V DC	-	-	3VJ9218-0ST12	3670.-	3VJ9218-0ST12	3670.-	-	-
	48V AC/DC	-	-	-	-	-	-	3VJ9417-0ST22	4125.-
	110V DC	3VJ9018-0ST15	2670.-	3VJ9218-0ST15	3670.-	3VJ9218-0ST15	3670.-	-	-
	110V AC/DC	-	-	-	-	-	-	3VJ9417-0ST25	4125.-
	110V AC	3VJ9018-0ST35	2670.-	3VJ9218-0ST35	3810.-	3VJ9218-0ST35	3810.-	-	-
	220V AC	3VJ9018-0ST36	2895.-	3VJ9218-0ST36	3935.-	3VJ9218-0ST36	3935.-	3VJ9417-0ST36	4540.-
415V AC	3VJ9018-0ST37	2895.-	3VJ9218-0ST37	3935.-	3VJ9218-0ST37	3935.-	3VJ9417-0ST37	4540.-	
Undervoltage Release (Left) (UVR)	24V DC	-	-	3VJ9218-0UV11	5255.-	3VJ9218-0UV11	5255.-	-	-
	48V DC	-	-	3VJ9218-0UV12	5255.-	3VJ9218-0UV12	5255.-	-	-
	220V AC	-	-	3VJ9218-0UV36	5520.-	3VJ9218-0UV36	5520.-	3VJ9417-0UV36	13760.-
	415V AC	-	-	3VJ9218-0UV37	5905.-	3VJ9218-0UV37	5905.-	3VJ9417-0UV37	13760.-

Internal accessories are available for 2P, 3P & 4P 3VJ MCCBs

3VJ External accessories

Frame Size	No. of poles	3VJ10 (VJ1 125X)	Unit MRP* ₹	3VJ11 (VJ1 125)	Unit MRP* ₹	3VJ12 (VJ1 250)	Unit MRP* ₹	3VJ13 (VJ1 400)	Unit MRP* ₹	3VJ14 (VJ1 630)	Unit MRP* ₹
Extended Door Mounted Rotary Operator (including 8UC handle)@	-	3VJ9018-0HD11	2740.-	3VJ9118-0HD11	2950.-	3VJ9218-0HD11	3450.-	3VJ9417-0HD11	4560.-	3VJ9417-0HD11	4560.-
Spreader Links^	2P	3VJ9012-0ED00	235.-	3VJ9112-0ED00	260.-	3VJ9212-0ED00	790.-	-	-	-	-
	3P	3VJ9013-0ED00	400.-	3VJ9113-0ED00	420.-	3VJ9213-0ED00	1280.-	3VJ9313-0ED00	2235.-	3VJ9413-0ED00	2805.-
	4P	3VJ9014-0ED00	520.-	3VJ9114-0ED00	545.-	3VJ9214-0ED00	1670.-	3VJ9314-0ED00	3150.-	3VJ9414-0ED00	3965.-
Phase Barriers#		3VJ9018-0CA00	185.-	3VJ9218-0CA00	290.-	3VJ9218-0CA00	290.-	3VJ9417-0CA00	330.-	3VJ9417-0CA00	330.-
Front Barriers\$	2P/3P	3VJ9016-0CJ30	425.-	3VJ9116-0CJ30	505.-	3VJ9216-0CJ30	725.-	3VJ9413-0CJ30	945.-	3VJ9413-0CJ30	945.-
	4P	3VJ9014-0CJ40	595.-	3VJ9114-0CJ40	640.-	3VJ9214-0CJ40	845.-	3VJ9414-0CJ40	1165.-	3VJ9414-0CJ40	1165.-
Toggle handle extension	-	-	-	-	-	-	-	3VJ9417-0DH10	750.-	3VJ9417-0DH10	750.-
Interlocking (for MCCBs with 8UC handles) - Castell interlock kit	-	8UC60701YQ..	6795.-	8UC60701YQ..	6795.-	8UC60701YQ..	6795.-	8UC60702YQ..	6975.-	8UC60702YQ..	6975.-
SS Enclosures	2P/3P	3VJ9016-0DE11	2970.-	3VJ9116-0DE11	2970.-	3VJ9216-0DE12	6515.-	-	-	-	-
	4P	3VJ9014-0DE11	2970.-	3VJ9114-0DE11	2970.-	3VJ9214-0DE12	6515.-	-	-	-	-
Padlock on MCCB Dolly/Knob	-	-	-	3VJ9118-0LM10	1190.-	3VJ9218-0LM10	1190.-	3VJ9317-0LM10	2885.-	3VJ9317-0LM10	2885.-
Mechanical Interlocking Devices (Front sliding bar type)	3P	-	-	3VJ9116-0VM10	3250.-	3VJ9216-0VM10	6340.-	3VJ9313-0VM10	12360.-	3VJ9313-0VM10	12360.-
	4P	-	-	3VJ9114-0VM10	3390.-	3VJ9214-0VM10	7485.-	3VJ9314-0VM10	16530.-	3VJ9314-0VM10	16530.-

Notes:

@ 1 set contains rotary mechanism, coupler, shaft & 8UC handle.

^ Spreader link 1 set = 2 nos. links in case of 2 pole; 3 nos. links in case of 3 pole; 4 nos. links in case of 4 pole.

Available as a spare; 1 set contains 2 phase barriers

\$ 1 set contains 2 front barriers (top & bottom)

Toggle handle extension is included in the standard packing of 3VJ13 & 3VJ14 MCCBs.

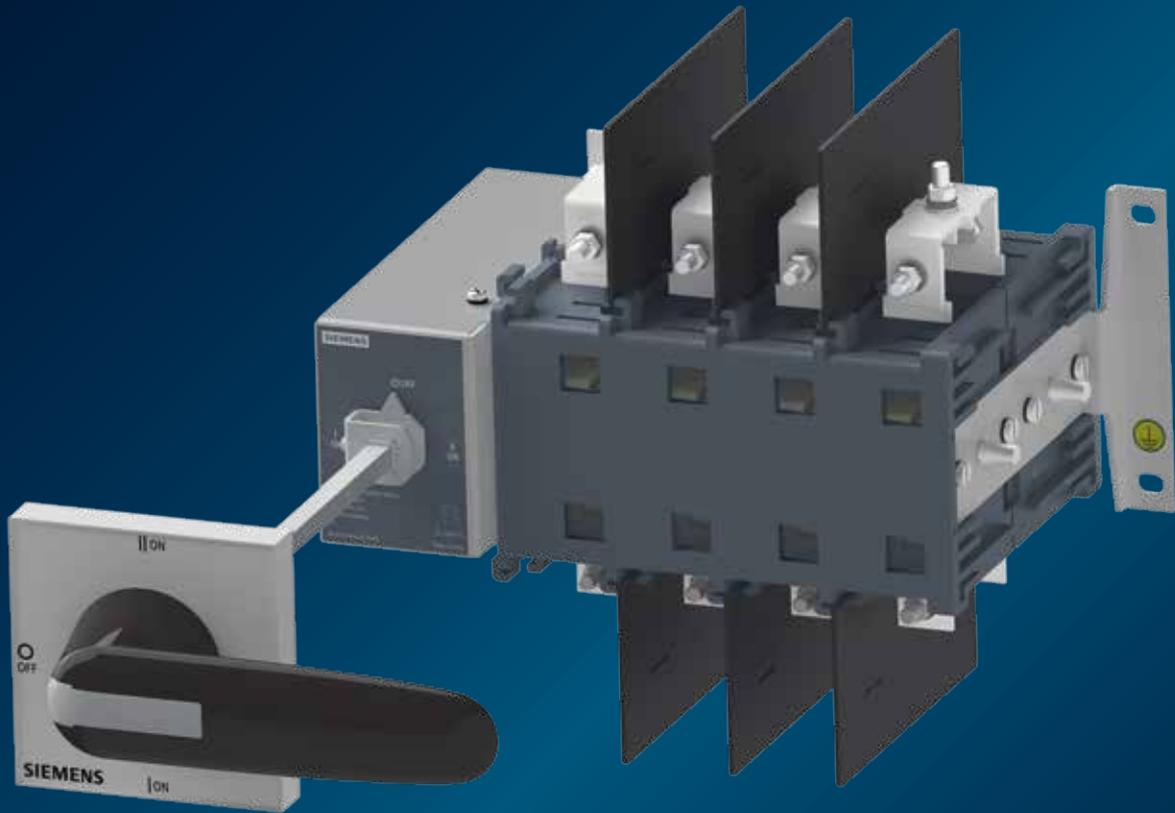
2P/3P SS enclosures provide inbuilt neutral link for TPN system

Padlocking devices can be used for locking MCCB in Off position

Mechanical interlocking devices can not be used along with the rotary operators

Std. Pkg. = 1 unit

* MRP - Max. Retail Price



SINOVA

On Load Changeover Switches – 3KJ

The Power of **Simplicity**

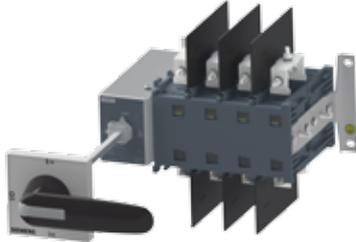
- Compliant with IS/IEC60947-3
- 4-pole modular switches up to 3150A in open and enclosed versions
- Stable I-O-II positions with safe switching
- Suitable for Positive isolation
- Built-in bridging bars and phase barriers
- Wide portfolio of accessories and spares

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SIEMENS

Manual On Load Changeover Switch 3KJ

- 63A to 3150A in 4-pole configuration
- Open and Enclosed execution
- Comply to IS/IEC 60947-3
- Suitable for Positive isolation
- Available in AC-21 / AC-22 / AC-23 @415V 50/60Hz
- Wide portfolio of accessories and spares
- Built-in bridging bars and phase barriers
- Suitable terminals and metallic handles 1000A onwards
- Stable I-O-II positions with safe switching
- Modular range for rating 125A to 3150A



Manual On Load Changeover Switch 3KJ 4-pole, for power distribution

Series	Size	Rated current Ie @415V 50/60Hz	MCOS in Open execution	Unit MRP* ₹	MCOS in Enclosed execution	Unit MRP* ₹	Std.pkg. (nos.)
3KJ1#	1	63	3KJ1126-4AA20-0AA0	7550.-	3KJ1126-4AA20-1AA0	14925.-	1
		100	3KJ1130-4AA20-0AA0	10035.-	3KJ1130-4AA20-1AA0	17535.-	1
3KJ0	1	125	3KJ0132-4AA20-0AA0	15030.-	3KJ0132-4AA20-1AA0	20430.-	1
		160	3KJ0134-4AA20-0AA0	16515.-	3KJ0134-4AA20-1AA0	23395.-	1
	2	200	3KJ0236-4AA20-0AA0	21030.-	3KJ0236-4AA20-1AA0	27060.-	1
		250	3KJ0238-4AA20-0AA0	25740.-	3KJ0238-4AA20-1AA0	33625.-	1
		315	3KJ0240-4AA20-0AA0	33720.-	3KJ0240-4AA20-1AA0	41100.-	1
		400	3KJ0242-4AA20-0AA0	48950.-	3KJ0242-4AA20-1AA0	61105.-	1
	3	630	3KJ0346-4AA20-0AA0	58215.-	3KJ0346-4AA20-1AA0	70355.-	1
		800	3KJ0348-4AA20-0AA0	84440.-	3KJ0348-4AA20-1AA0	101185.-	1
	4	1000	3KJ0450-4AA30-0AA0	159035.-	3KJ0450-4AA30-1AA0	174885.-	1
		1250	3KJ0452-4AA30-0AA0	195995.-	3KJ0452-4AA30-1AA0	225865.-	1
		1600	3KJ0454-4AA30-0AA0	249855.-	3KJ0454-4AA30-1AA0	304615.-	1
	5	2000	3KJ0556-4AA30-0AA0	384625.-	3KJ0556-4AA30-1AA0	419860.-	1
		2500	3KJ0558-4AA30-0AA0	493130.-	3KJ0558-4AA30-1AA0	537235.-	1
		3150	3KJ0560-4AA30-0AA0	634075.-	3KJ0560-4AA30-1AA0	728200.-	1

Notes:

3KJ On Load Changeover Switch is switch disconnecter type

3KJ: Unit MRPs are inclusive of Front drive (Handle), shaft, phase barriers and bridging bars

Non-Modular construction

POR: Price On Request

Refer the operating instruction sheet for complete dimensional details

Std. Pkg. = 1 unit

* MRP - Max. Retail Price

Manual On Load Changeover Switch 3KJ



Auxiliary switch



Gland box

Accessories and spares

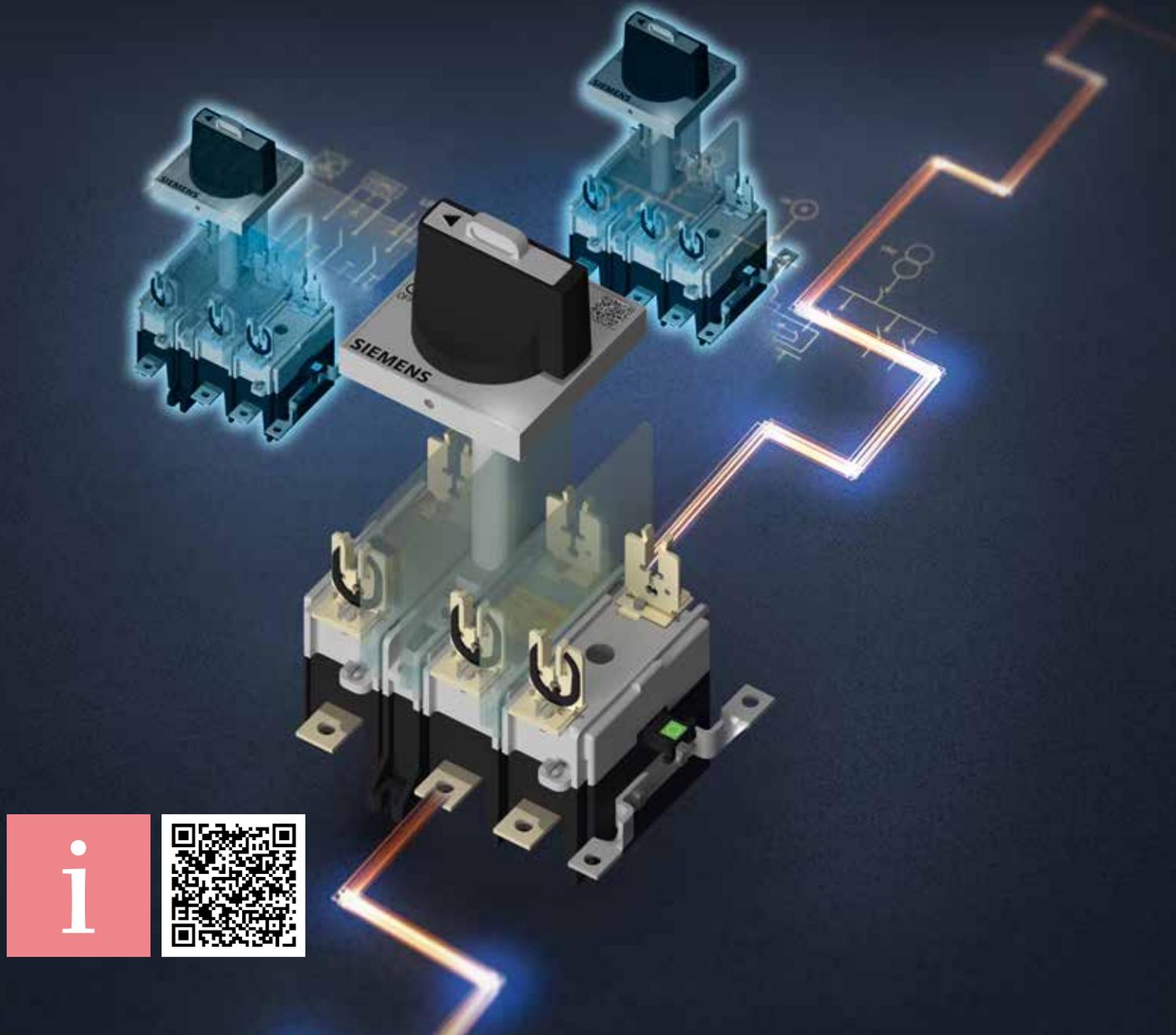
Accessory	Description	3KJ11	Unit MRP* ₹	3KJ01	Unit MRP* ₹	3KJ02	Unit MRP* ₹	Std.pkg. (nos.)
Auxiliary switch ¹⁾	1CO	3KJ9101-1AB00	755.-					1
	2CO	3KJ9101-1AD00	1510.-					1
	1NO+1NC			3KJ9001-1AB00	1960.-	3KJ9001-5AB00	3965.-	1
	2NO+2NC			3KJ9001-1AD00	6825.-	3KJ9001-5AD00	14810.-	1
Gland box ²⁾	With one gland plate			3KJ9013-1MA00	4070.-	3KJ9013-2MB00	9205.-	1
Spare Phase barrier		3KJ9103-1CA00	50.-	3KJ9003-1CA00	70.-	3KJ9003-3CA00	110.-	1
Spare Front drive (Handle)	Plastic	3KJ9106-1FT00	715.-	3KJ9006-2FT00	715.-	3KJ9006-2FT00	715.-	1
Spare Shaft		3KJ9107-1GA00	240.-	3KJ9007-2GA00	240.-	3KJ9007-2GA00	240.-	1
Spare pole ³⁾				125A 3KJ9008-1HC00	POR	200A 3KJ9008-2HE00	POR	1
				160A 3KJ9008-1HD00		250A 3KJ9008-2HF00		1
					315A 3KJ9008-2HG00	1		
					400A 3KJ9008-2HH00	1		
						400A 3KJ9008-2HE00		1
Spare Bridging bar	Load side connection	63A,100A 3KJ9102-1BA00	POR	125A,160A 3KJ9002-1BB00	POR	200A 3KJ9002-2BC00	POR	1
						250A,315A 3KJ9002-2BD00		1
						400A 3KJ9002-2BE00		1

Accessory	Description	3KJ03	Unit MRP* ₹	3KJ04	Unit MRP* ₹	3KJ05	Unit MRP* ₹	Std.pkg. (nos.)
Auxiliary Switch ¹⁾	1NO+1NC	3KJ9001-5AB00	3965.-	3KJ9001-5AB00	3965.-	3KJ9001-5AB00	3965.-	1
	2NO+2NC	3KJ9001-5AD00	14810.-	3KJ9001-5AD00	14810.-	3KJ9001-5AD00	14810.-	1
Gland box ²⁾	With one gland plate	3KJ9013-3MC00	14165.-					1
Spare Phase barrier	Lower side	3KJ9003-3CA00	110.-	3KJ9003-4CA00	400.-			1
	Front side					3KJ9003-5CA10	400.-	1
Spare Front drive (Handle)	Plastic	3KJ9006-3FT00	810.-			3KJ9003-5CA20	435.-	1
	Metallic							1
Spare Shaft		3KJ9007-4GA00	515.-	3KJ9007-4GA00	515.-	3KJ9007-5GA00	515.-	1
		630A 3KJ9008-3HJ00	POR	1000A 3KJ9008-4HL00	POR	2000A 3KJ9008-4HL00	POR	1
Spare pole ³⁾		800A 3KJ9008-3HK00		1250A 3KJ9008-4HM00		2500A 3KJ9008-4HM00		1
	Spare Extended link				1600A 3KJ9008-4HN00		3150A 3KJ9008-4HN00	
				1000A 3KJ9012-4LA00	POR			1
				1250A 3KJ9012-4LB00		1		
				1600A 3KJ9012-4LC00		1		
Spare Bridging bar	Load side connection	630A 3KJ9002-3BF00	POR	1000A 3KJ9002-4BH00	POR	2000A 3KJ9002-5BL20 3KJ9002-5BL30	POR	1
		800A 3KJ9002-3BG00		1250A 3KJ9002-4BJ00		2500A 3KJ9002-5BM20 3KJ9002-5BM30		1
				1600A 3KJ9002-4BK10 3KJ9002-4BK20		3150A 3KJ9002-5BN30 3KJ9002-5BN40 3KJ9002-5BN50		1
	Line side connection					2000A 3KJ9002-5BL10		1
						2500A 3KJ9002-5BM10		1
					3150A 3KJ9002-5BN10 3KJ9002-5BN20		1	

Notes:
 1) Accessory - Auxiliary switch includes 2units. One each for position I and II
 2) Accessory - Gland box is to be used with enclosed switches
 3) Spare pole: For ratings 2000A, 2500A and 3150A. Use 2units of 1000A, 1250A and 1600A
 POR: Price On Request

Std. Pkg. = 1 unit * MRP - Max. Retail Price

Load Break Switches



SUPERSWITCH

Switch Disconnect Fuse - **3KL8**

Safe. Reliable. Efficient.

- Compliant with IS/ IEC 60947-3
- 2-pole to 4-pole versions up to 800A at 690V AC
- COMPACT 2-pole and TRUE 4-pole versions
- DIN/ BS/ Cylindrical fuse type versions
- With Enclosure option
- AC-23A for the complete range
- Type 2 co-ordination chart for DOL and Star Delta feeders

www.siemens.co.in/superswitch3k

SIEMENS

Superswitch 3KL8

- Wide range : Up to 800A in SDF and 1600A in SD
- Available in 2P,3P,3PN & 4P variants
- Suitable for isolation as per IS/IEC 60947-3
- Unique positive off indication
- Suitable for AC23A Duty @ 690V AC, 50Hz
- Roller contacts with high operating life
- IP65 handle with door interlock
- Wide range of accessories
- Suitable for power distribution as well as motor protection



Switch disconnecter fuse: 3KL8 4-pole, for power distribution (in Open Execution)

Rated current I _e @690V 50Hz	SDF suitable for DIN type HRC fuses	Unit MRP* ₹	SDF suitable for BS type HRC fuses	Unit MRP* ₹	SDF suitable for Cylindrical type HRC fuses	Unit MRP* ₹	Std. pkg. (nos.)
20A	3KL8111-4TA00	3940.-	3KL8111-4TJ00	4005.-	3KL8111-4TC00	4090.-	1
32A	3KL8121-4TA00	4075.-	3KL8121-4TJ00	4390.-	3KL8121-4TC00	4420.-	1
63A	3KL8151-4TA00	5485.-	3KL8151-4TJ00	5565.-	3KL8151-4TC00	5790.-	1
100A	3KL8171-4TA00	8235.-	-	-	-	-	1
100A	3KL8211-4TA00	11830.-	3KL8211-4TJ00	12900.-	-	-	1
125A	3KL8221-4TA00	14495.-	3KL8221-4TJ00	15360.-	-	-	1
160A	3KL8231-4TA00	16095.-	3KL8231-4TJ00	18665.-	-	-	1
200A	3KL8311-4UA00	23090.-	3KL8311-4UJ00	24240.-	-	-	1
250A	3KL8321-4UA00	26905.-	3KL8321-4UJ00	28730.-	-	-	1
315A	3KL8331-4UA00	32380.-	3KL8331-4UJ00	35450.-	-	-	1
400A	3KL8341-4UA00	35630.-	3KL8341-4UJ00	40955.-	-	-	1
500A	3KL8411-4UA00	57870.-	3KL8411-4UJ00	66010.-	-	-	1
630A	3KL8421-4UA00	59995.-	3KL8421-4UJ00	68395.-	-	-	1
800A [§]	3KL8431-4UA00	70915.-	3KL8431-4UJ00	74110.-	-	-	1

Switch disconnecter fuse: 3KL8 3PN for power distribution and motor protection (Open Execution)

Rated current I _e @690V 50Hz	SDF suitable for DIN type HRC fuses	Unit MRP* ₹	SDF suitable for BS type HRC fuses	Unit MRP* ₹	SDF suitable for Cylindrical type HRC fuses	Unit MRP* ₹	Std. pkg. (nos.)
20A	3KL8111-5TA00	3500.-	3KL8111-5TJ00	3510.-	3KL8111-5TC00	3525.-	1
32A	3KL8121-5TA00	3555.-	3KL8121-5TJ00	3575.-	3KL8121-5TC00	3605.-	1
63A	3KL8151-5TA00	4770.-	3KL8151-5TJ00	4870.-	3KL8151-5TC00	4915.-	1
100A	3KL8171-5TA00	6830.-	-	-	-	-	1
100A	3KL8211-5TA00	9515.-	3KL8211-5TJ00	9600.-	-	-	1
125A	3KL8221-5TA00	12245.-	3KL8221-5TJ00	12300.-	-	-	1
160A	3KL8231-5TA00	13105.-	3KL8231-5TJ00	13165.-	-	-	1
200A	3KL8311-5UA00	17985.-	3KL8311-5UJ00	18525.-	-	-	1
250A	3KL8321-5UA00	20430.-	3KL8321-5UJ00	20985.-	-	-	1
315A	3KL8331-5UA00	24325.-	3KL8331-5UJ00	24735.-	-	-	1
400A	3KL8341-5UA00	29315.-	3KL8341-5UJ00	29750.-	-	-	1
500A	3KL8411-5UA00	47150.-	3KL8411-5UJ00	48235.-	-	-	1
630A	3KL8421-5UA00	49660.-	3KL8421-5UJ00	52240.-	-	-	1
800A [§]	3KL8431-5UA00	52955.-	3KL8431-5UJ00	56605.-	-	-	1

Switch disconnecter fuse: 3KL8 3-pole, for motor protection (in Open Execution)

Rated current I _e @ 690V 50Hz	SDF suitable for DIN type HRC Fuses	Unit MRP* ₹	Std. pkg. (nos.)
20A	3KL8111-1TA00	3395.-	1
32A	3KL8121-1TA00	3460.-	1
63A	3KL8151-1TA00	4695.-	1
100A	3KL8211-1TA00	9345.-	1
125A	3KL8221-1TA00	11880.-	1
160A	3KL8231-1TA00	12840.-	1
200A	3KL8311-1UA00	17425.-	1
250A	3KL8321-1UA00	20320.-	1
315A	3KL8331-1UA00	23960.-	1
400A	3KL8341-1UA00	28850.-	1
500A	3KL8411-1UA00	46430.-	1
630A	3KL8421-1UA00	49350.-	1
800A [§]	3KL8431-1UA00	52625.-	1



§ 3KL8431 (800A): 710A with fuse cover

Notes:

2P = 2-pole; 3P = 3-pole; 3PN = 3-pole with neutral link; 4P = 4-pole

3KL8: Unit MRPs are without fuses

3KL8: Unit MRPs are inclusive of Front drive (Handle) and phase barriers

Please scan the QR code for brochure and Operation manual (OM)

Refer the OM for changes in dimension

Std. Pkg. = 1 unit

* MRP - Maximum Retail Price

Superswitch 3KL8

Switch disconnecter fuse: 3KL8 2-pole (Open Execution)

Rated current I _e @690V 50Hz	SDF suitable for DIN type HRC fuses	Unit MRP* ₹	SDF suitable for BS type HRC fuses	Unit MRP* ₹	SDF suitable for Cylindrical type HRC fuses	Unit MRP* ₹	Std. pkg. (nos.)
20A [®]	3KL8111-2TA00	3165.-	-	-	3KL8111-2TC00	3225.-	1
32A [®]	3KL8121-2TA00	3225.-	-	-	3KL8121-2TC00	3365.-	1
63A [®]	3KL8151-2TA00	4195.-	-	-	3KL8151-2TC00	4235.-	1
100A [®]	3KL8171-2TA00	6490.-	-	-	-	-	1
100A	3KL8211-2TA00	8935.-	3KL8211-2TJ00	9140.-	-	-	1
125A	3KL8221-2TA00	10355.-	3KL8221-2TJ00	11280.-	-	-	1
160A	3KL8231-2TA00	10770.-	3KL8231-2TJ00	12150.-	-	-	1
200A	3KL8311-2UA00	15650.-	3KL8311-2UJ00	17105.-	-	-	1
250A	3KL8321-2UA00	17045.-	3KL8321-2UJ00	18890.-	-	-	1
315A	3KL8331-2UA00	20740.-	3KL8331-2UJ00	22005.-	-	-	1
400A	3KL8341-2UA00	24710.-	3KL8341-2UJ00	25975.-	-	-	1
500A	3KL8411-2UA00	39020.-	3KL8411-2UJ00	45430.-	-	-	1
630A	3KL8421-2UA00	39910.-	3KL8421-2UJ00	46095.-	-	-	1
800A [§]	3KL8431-2UA00	51915.-	3KL8431-2UJ00	52085.-	-	-	1



Switch disconnecter fuse in SS[^] Enclosure (factory fitted)[>]

Rated current I _e @690V 50Hz	Suitable fuse type	3PN	Unit MRP* ₹	4P	Unit MRP* ₹	Std. pkg. (nos.)
20A	DIN	3KL8111-5TA10	7315.-	3KL8111-4TA10	8430.-	1
	BS	3KL8111-5TJ10	7375.-	3KL8111-4TJ10	8445.-	1
	CYL	3KL8111-5TC10	7420.-	3KL8111-4TC10	8520.-	1
32A	DIN	3KL8121-5TA10	7825.-	3KL8121-4TA10	8695.-	1
	BS	3KL8121-5TJ10	7850.-	3KL8121-4TJ10	8795.-	1
	CYL	3KL8121-5TC10	7885.-	3KL8121-4TC10	8825.-	1
63A	DIN	3KL8151-5TA10	8690.-	3KL8151-4TA10	10255.-	1
	BS	3KL8151-5TJ10	8720.-	3KL8151-4TJ10	10510.-	1
	CYL	3KL8151-5TC10	8790.-	3KL8151-4TC10	10545.-	1
100A	DIN	3KL8211-5TA10	13930.-	3KL8211-4TA10	16515.-	1
	BS	3KL8211-5TJ10	14340.-	3KL8211-4TJ10	16680.-	1
125A	DIN	3KL8221-5TA10	16510.-	3KL8221-4TA10	19885.-	1
	BS	3KL8221-5TJ10	16630.-	3KL8221-4TJ10	20515.-	1
160A	DIN	3KL8231-5TA10	17715.-	3KL8231-4TA10	21865.-	1
	BS	3KL8231-5TJ10	17850.-	3KL8231-4TJ10	22010.-	1
200A	DIN	3KL8311-5UA10	25540.-	3KL8311-4UA10	35695.-	1
	BS	3KL8311-5UJ10	25740.-	3KL8311-4UJ10	36515.-	1
250A	DIN	3KL8321-5UA10	28960.-	3KL8321-4UA10	38010.-	1
	BS	3KL8321-5UJ10	29160.-	3KL8321-4UJ10	38275.-	1
315A	DIN	3KL8331-5UA10	34445.-	3KL8331-4UA10	45240.-	1
	BS	3KL8331-5UJ10	34635.-	3KL8331-4UJ10	45465.-	1
400A	DIN	3KL8341-5UA10	39730.-	3KL8341-4UA10	50725.-	1
	BS	3KL8341-5UJ10	40240.-	3KL8341-4UJ10	50940.-	1
500A	DIN	3KL8411-5UA10	59170.-	3KL8411-4UA10	74605.-	1
	BS	3KL8411-5UJ10	59345.-	3KL8411-4UJ10	75410.-	1
630A	DIN	3KL8421-5UA10	62290.-	3KL8421-4UA10	79225.-	1
	BS	3KL8421-5UJ10	62470.-	3KL8421-4UJ10	79460.-	1
800A [§]	DIN	3KL8431-5UA10	66870.-	3KL8431-4UA10	85055.-	1
	BS	3KL8431-5UJ10	67045.-	3KL8431-4UJ10	85275.-	1



Load Break Switches

SS[^] Enclosure for 3KL8/ 3KA8

Rated current I _e @690V 50Hz	Enclosure type	Unit MRP* ₹	Std. pkg. (nos.)
20A-160A	3KX8235-4AC	5370.-	1
200A-400A	3KX8345-4AC	7145.-	1
500A-800A	3KX8435-4AC ¹⁾	11715.-	1
200A-800A	3KX8435-4AG ^{#2)}	20115.-	1

[^] SS stands for Sheet Steel

[#] Enclosure for 4-pole SDF / SD type 3KL83/4 & 3KA83/4

1) SD (except 4-pole) type 3KA84 (630A-1600A), recommended to be used along with gland box 3KX84354DC (2nos.)

2) SD (4-pole only) type 3KA84 (630A-1600A), recommended to be used along with gland box 3KX84354DG (2nos.)

Std. Pkg. = 1 unit * MRP - Maximum Retail Price

@ In 3P housing

[^] SS stands for Sheet Steel

[>] 3KL8 in SS Enclosure: Includes 3KL8 SDF without fuses, SS Enclosure, front drive (Handle) and phase barriers

[§] 3KL8431 (800A): 710A with fuse cover

Notes:

2P = 2-pole; 3P = 3-pole; 3PN = 3-pole with neutral link; 4P = 4-pole

3KL8: Unit MRPs are without fuses

3KL8: Unit MRPs are inclusive of Front drive (Handle) and phase barriers

Refer the brochure for fuse selection guide

Refer the OM for changes in dimension

The Enclosures are open at both top and bottom, Kindly order separate gland plates.

Refer Accessories for Superswitch 3KL8/3KA8

Superswitch 3KA8



Switch Disconnector: 3KA8 for power distribution (in Open Execution)

Rated current I _n @690V 50Hz	2P	Unit MRP* ₹	3PN	Unit MRP* ₹	4P	Unit MRP* ₹	Std. pkg. (nos.)
63A	3KA8151-2TE00 ⁹	3550.-	3KA8151-5TE00	4280.-	3KA8151-4TE00	6090.-	1
100A	-	-	3KA8171-5TE00	6660.-	3KA8171-4TE00	12250.-	1
100A	3KA8211-2TE00	6215.-	3KA8211-5TE00	8470.-	3KA8211-4TE00	14165.-	1
125A	3KA8221-2TE00	7800.-	3KA8221-5TE00	9725.-	3KA8221-4TE00	15215.-	1
160A	3KA8231-2TE00	10395.-	3KA8231-5TE00	12655.-	3KA8231-4TE00	19170.-	1
200A	3KA8311-2UE00	13220.-	3KA8311-5UE00	16340.-	3KA8311-4UE00	22245.-	1
250A	3KA8321-2UE00	14465.-	3KA8321-5UE00	17255.-	3KA8321-4UE00	27325.-	1
400A	3KA8341-2UE00	20065.-	3KA8341-5UE00	25515.-	3KA8341-4UE00	37245.-	1
630A ⁵	3KA842□-2UE00	32185.-	3KA842□-5UE00	40500.-	3KA842□-4UE00	53315.-	1
800A ⁵	3KA843□-2UE00	33585.-	3KA843□-5UE00	41795.-	3KA843□-4UE00	61180.-	1
1000A ⁵	3KA844□-2UE00	44940.-	3KA844□-5UE00	60035.-	3KA844□-4UE00	75390.-	1
1250A ⁵	3KA845□-2UE00	59090.-	3KA845□-5UE00	77880.-	3KA845□-4UE00	90630.-	1
1600A ⁵	3KA846□-2UE00	68150.-	3KA846□-5UE00	86195.-	3KA846□-4UE00	122065.-	1

□ - 2: Top Incoming
□ - 3: Bottom Incoming

@ In 3P housing

\$ Utilization category AC21A @690V AC (1600A: @500V AC)

Notes:

2P = 2-pole; 3P = 3-pole; 3PN = 3-pole with neutral link; 4P = 4-pole

3KA8: Unit MRPs are inclusive of Front drive (Handle)

Please scan the QR code for Catalog and Operating instruction sheets (OIS)

Refer the OIS for changes in dimension

Accessories for Superswitch 3KL8 / 3KA8

Description	Pole	Fuse type	3KL81 11/21/51/71 3KA81 51/71	Unit MRP* ₹	3KL82 11/21/31 3KA82 11/21/31	Unit MRP* ₹	3KL83 11/21/31/41 3KA83 11/21/41	Unit MRP* ₹	3KL84 11/21/31 3KA84 2/3/4/5/6	Unit MRP* ₹	Std. pkg. (nos.)				
Fuse cover ²⁾	2P	DIN	3KX8150-0AE ⁵⁾	350.-	3KX8230-0JF	855.-	3KX8340-0AF	1255.-	3KX8430-0JF	1775.-	1				
		BS			3KX8230-0HF	855.-			3KX8430-0HF	1775.-	1				
	3P	DIN			3KX8230-0JE	855.-			3KX8340-0AE	1255.-	3KX8430-0JE	1775.-	1		
		BS			3KX8230-0HE	855.-					3KX8430-0HE	1775.-	1		
	4P	DIN			3KX8230-0JG	855.-					3KX8340-0AG	1255.-	3KX8430-0JG	1775.-	1
		BS			3KX8230-0HG	855.-							3KX8430-0HG	1775.-	1
Terminal cover (1set = 2pieces)	2P	-	3KX8151-0AE	175.-	3KX8231-0AF	725.-	3KX8341-0AF	1370.-					3KX8431-0AF	1605.-	1
	3P	-	3KX8151-0AE	175.-	3KX8231-0AE	725.-	3KX8341-0AE	1370.-					3KX8431-0AE	1605.-	1
	4P	-	3KX8151-0AG	630.-	3KX8231-0AG	725.-	3KX8341-0AG	1370.-	3KX8431-0AG	1605.-			1		
Phase barrier	-	DIN/ BS/ Cylindrical	3KX8153-0AE	70.-	3KX8153-0AE (DIN)	70.-	3KX8343-0AE	220.-	3KX8433-0AE	330.-			1		
					3KX8233-0JE (BS)	70.-					1				
Fuse cover phase barrier kit ³⁾	-	-	-	-	-	-	3KX8340-9AE	700.-	3KX8440-9AE	700.-	1				
Auxiliary switch (1NO+1NC)	-	-	3SB5400-0A* ⁶	265.-	3KX3522-1YC	1055.-	3KX3552-1YC	1270.-	3KX3582-1YC	1535.-	1				
Auxiliary switch (2NO+2NC)	-	-	-	-	3KX3522-1YD	1900.-	3KX3552-1YD	2745.-	3KX3582-1YD	2965.-	1				
Auxiliary switch cover	-	-	3KX8154-0AC	120.-	3KX8234-0AC	120.-	-	-	-	-	1				
Front drive (Handle)	-	-	8UC6114-1BB00	1300.-	8UC6214-1BB00	1470.-	8UC6314-1BB00	2220.-	8UC6414-1BB00	3245.-	1				
Operating shaft (300mm)	-	-	8UC60-31	360.-	8UC60-32	435.-	8UC60-34	845.-	8UC60-34	845.-	1				
Castell interlock ¹⁾	-	-	8UC6070-0YQ..	6795.-	8UC6070-1YQ..	6795.-	8UC6070-2YQ..	6975.-	8UC6070-2YQ..	6975.-	1				
Depth setting template	-	-	8UC6046-2	75.-	8UC6046-2	75.-	8UC6046-2	75.-	8UC6046-2	75.-	1				
Fuse Monitor with auxiliary switch ⁴⁾ (1NO+1NC)	-	-	3RV1611-0BD10	11000.-	3RV1611-0BD10	11000.-	3RV1611-0BD10	11000.-	3RV1611-0BD10	11000.-	1				
	-	-	3RV2901-1E	1450.-	3RV2901-1E	1450.-	3RV2901-1E	1450.-	3RV2901-1E	1450.-	1				
Fuse safety barrier	-	-	3KX8150-1AC	185.-	3KX8230-1AC	240.-	-	-	-	-	1				
Gland box with gland plate (1no.)	-	-	3KX8235-4DC	6225.-	3KX8235-4DC	6225.-	3KX8345-4DC	8595.-	3KX8435-4DC	13095.-	1				
	-	-	-	-	-	-	-	-	3KX8435-4DG ⁴⁾	21425.-	1				
Gland plate	-	-	3KX8235-4GC	1320.-	3KX8235-4GC	1320.-	3KX8345-4GC	1715.-	3KX8435-4GC	1900.-	1				
	-	-	-	-	-	-	-	-	3KX8435-4GG ⁴⁾	1920.-	1				

1) The 11th and 12th place of the type reference will indicate the alphabet type of lock & key. Combinations available are A, B, C, D, A-, -B, -C, AB, AC. 11th place will be A, B, C, D for castell lock type A, B, C, D respectively. 11th and 12 place will be A0, 0B, 0C, AB, AC for castell lock type A-, -B, -C, AB, AC respectively.

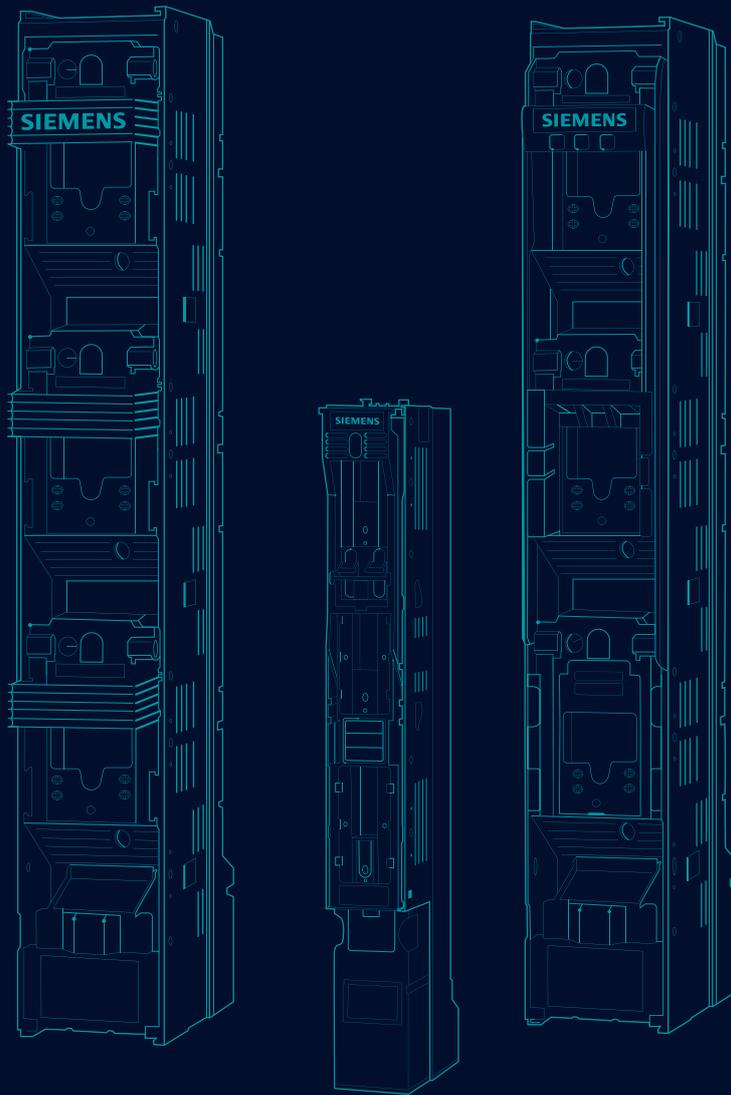
2) Additionally order: Phase barrier 2nos. with Fuse cover for 20A-160A SDF and "Fuse cover phase barrier kit" with Fuse cover for 200A - 800A SDF

3) Mandatory accessory to be ordered with fuse cover for 200A - 800A SDF

4) Accessory for 4-pole SDF with enclosure type 3KL83 & 3KL84 and SS enclosure type 3KX8435-4AG

5) Also,suitable for SDF with cylindrical type HRC fuses

Note: The above accessories e.g. Fuse Cover, Terminal Cover, Phase barrier, Fuse cover phase barrier kit & Front Drive (handle) are unique (different) and not to be used along with MLFB 3KL8...-3.A00, 3KL8...-3.J00,3KL8...-3.C00



3NJ4 Fuse Switch Disconnectors

Safe. Flexible. Efficient

Product Features:

- Compliant with IEC/EN 60439-1, IEC/EN 60947-3
- Rated operational current: 160A to 630A
- Operating voltage up to 690 VAC
- 1-pole or 3-pole switchable
- Maximum safety and minimized mounting width
- Fuse visible Disconnection
- Contactless fuse removal
- Vertical /Direct mounting on busbars
- Cable connection from top and bottom

Applications:

- Feeder Pillar
- Compact Substation
- Control Panels – Automotive Industry
- Smart Pole Applications
- Lighting Distribution Boards (LDB)
- Power Distribution Boards (PDB)

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SMART 7KT

Power Monitoring Devices

Expanding the reach of technology

SIEMENS

SMART 7KT

Power Monitoring Devices

SMART 7KT Discrete Panel Meter

Accurate and easy visualization for all the basic measurements

- Tested accuracy as per IEC 61557-12 and IEC 62053
- RoHS compliant
- Modern aesthetics with soft touch keys
- Large LED (multicolored) display for easy visualization

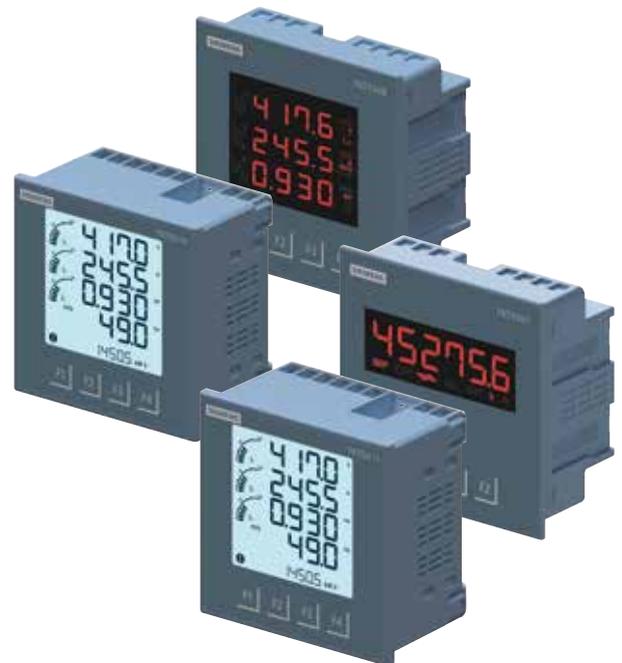


Description	Type	Unit LP ₹
VAF meter	7KT0120	4035.-
VA meter	7KT0110	3700.-
3 phase energy meter	7KT0210	8035.-

SMART 7KT Multi Function Meter

Broad range of uses in industry and infrastructure

- Tested accuracy as per IEC 61557-12 and IEC 62053
- RoHS compliant
- Graphical representation of current loading in the LCD display meters
- Modern aesthetics with soft touch keys
- Integrated Modbus RTU communication over RS 485
- Measurement of 30+ electrical parameters



Description	Type	Unit LP ₹
LCD Class 0.5s	7KT0311	21695.-
LCD Class 1	7KT0310	18125.-
Multi-line LED Class 1	7KT0308	13495.-
Single-line LED Class 1	7KT0307	8995.-

POR: Price On Request

Power Monitoring Devices



for more info scan QR code

SMART 7KT Discrete DIN Meters

NEW

Power monitoring devices for DIN mounted systems

- Tested accuracy as per IEC 61557-12 and IEC 62053
- Bright LCD display for ease of reading
- Easy mounting with click fit on DIN rails
- Integrated communication in 2MW makes the meter digitalization ready
- Modern aesthetics increases the visual appeal of the panel
- RoHS compliant



Description	Type	Unit LP ₹
Single Phase Class 1 Energy Meter	7KT0010	5355.-

SMART 7KT DC Energy Meter

NEW

Power monitoring devices for DC applications

- Bi-direction (charging and discharging) current can be measured by the same device
- Time stamped data logging of events
- Load profile analysis
- Single meter measures energy consumption of four independent loads connected to one Voltage source.
- Configurable relay outputs for limit function, pulse output, alarm, etc.
- RoHS compliant



Description	Type	Unit LP ₹
Multichannel; Class 1; Main volt:10-60V DC; Aux volt: 60 - 300V AC/DC	7KT0810	24480.-
Multichannel; Class 1; Main volt:10-60V DC; Aux volt: 12 - 70V DC	7KT0811	
Multichannel; Class 1; Main volt:61 - 200V DC; Aux volt: 60 - 300V AC/DC	7KT0820	
Multichannel; Class 1; Main volt:61 - 200V DC; Aux volt:12 - 70V DC	7KT0821	
Multichannel; Class 1; Main volt:201 - 1000V DC; Aux volt: 60 - 300V AC/DC	7KT0830	
Multichannel; Class 1; Main volt:201 - 1000V DC; Aux volt: 12 - 70V DC	7KT0831	

Accessories (external shunt for DC meter)

Description	Type	Unit LP ₹
External Shunt for DC meter/ 50A/75MV	7KT0911	865.-
External Shunt for DC meter/ 100A/60MV	7KT0922	1080.-
External Shunt for DC meter/ 100A/75MV	7KT0923	1080.-
External Shunt for DC meter/ 150A/75MV	7KT0924	1340.-
External Shunt for DC meter/ 200A/60MV	7KT0925	2385.-

POR: Price On Request

Std. Pkg. = 1 unit

* LP - List Price



for more info
scan QR code



3LD4

Control Switches

- Compact and flexible design
- Double break contacts ensures high reliability
- Suitable for ambient temperatures up to 50°C
- Quick and easy installation
- High electrical and mechanical life

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3LD4 Control Switches

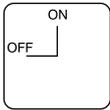
The 3LD4 Control Switches are cam operated switches suitable for use in a wide variety of control and auxiliary circuit applications.

- Conforms to IEC 60947-3, IEC 60947-5
- Range 6A to 100A
- Suitable for AC21A, AC-15 Utilization category
- Suitable for ambient up to 50°C
- Double break contacts for reliable operation
- Terminals designed for easy and fast installation



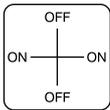
ON OFF Switches

90° operation



Type#	Description	Unit LP* ₹									Std. pkg. (nos.)
		6A (001)	10A (102)	16A (103)	20A (104)	25A (205)	32A (206)	40A (207)	63A (208)	100A (309)	
3LD4 ___ 1AA00-ORCO	1 Pole	215.-	410.-	490.-	515.-	535.-	660.-	840.-	980.-	5130.-	1
3LD4 ___ 2AA00-ORCO	2 Pole	275.-	465.-	555.-	620.-	645.-	765.-	1010.-	1260.-	6410.-	
3LD4 ___ 3AA00-ORCO	3 Pole	300.-	555.-	650.-	710.-	840.-	940.-	1175.-	1685.-	7890.-	
3LD4 ___ 4AA00-ORCO	4 Pole	370.-	600.-	700.-	845.-	1035.-	1115.-	1350.-	2030.-	9240.-	

90° Operation with complete rotation

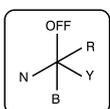
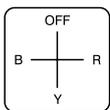


Type#	Description	Unit LP* ₹									Std. pkg. (nos.)
		6A (001)	10A (102)	16A (103)	20A (104)	25A (205)	32A (206)	40A (207)	63A (208)	100A (309)	
3LD4 ___ 1BC00-ORCO	1 Pole	210.-	410.-	490.-	515.-	520.-	650.-	835.-	975.-	5130.-	1
3LD4 ___ 2BC00-ORCO	2 Pole	275.-	465.-	555.-	620.-	645.-	765.-	1010.-	1260.-	6410.-	
3LD4 ___ 3BC00-ORCO	3 Pole	300.-	555.-	650.-	710.-	840.-	940.-	1175.-	1685.-	7890.-	
3LD4 ___ 4BC00-ORCO	4 Pole	370.-	600.-	700.-	845.-	1035.-	1115.-	1350.-	2030.-	9240.-	

* Fill in the 5th, 6th & 7th of the type nos with the digits in () to get complete MLFB
e.g. for 6A 3 Pole ON OFF Switch the complete type no will be 3LD40013AA00-ORCO

Instrumentation Selector Switch

Ammeter Selector Switch (ASS)

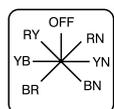
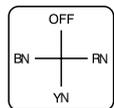
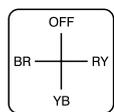


Description	Rating	Type#	Unit LP* ₹	Std. pkg. (nos.)
Line currents with OFF	6A	3LD40014DC200RCO	450.-	1
	10A	3LD41024DC200RCO	540.-	
	16A	3LD41034DC200RCO	690.-	
	20A	3LD41044DC200RCO	770.-	
Line currents with Neutral with OFF	6A	3LD40014DD200RCO	445.-	1
	10A	3LD41024DD200RCO	535.-	
	16A	3LD41034DD200RCO	675.-	
	20A	3LD41044DD200RCO	855.-	



3LD4 Control Switches

Voltmeter Selector Switch (VSS)

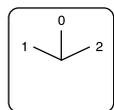


Description	Rating	Type#	Unit LP* ₹	Std. pkg. (nos.)
Line voltages with OFF	6A	3LD40014DC300RC0	330.-	1
	10A	3LD41024DC300RC0	490.-	
	16A	3LD41034DC300RC0	625.-	
	20A	3LD41044DC300RC0	710.-	
Phase voltages with OFF	6A	3LD40014DC310RC0	585.-	
	10A	3LD41024DC310RC0	660.-	
	16A	3LD41034DC310RC0	845.-	
	20A	3LD41044DC310RC0	935.-	
Line & Phase voltages with OFF	6A	3LD40014DF300RC0	585.-	
	10A	3LD41024DF300RC0	980.-	
	16A	3LD41034DF300RC0	1170.-	
	20A	3LD41044DF300RC0	1270.-	



Changeover Switch

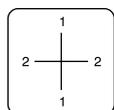
With OFF (60°)



Type#	Description	Unit LP* ₹									Std. pkg. (nos.)
		6A (001)	10A (102)	16A (103)	20A (104)	25A (205)	32A (206)	40A (207)	63A (208)	100A (309)	
3LD4 ___ 1BB10-ORCO	1P 2W	275.-	505.-	620.-	635.-	650.-	720.-	975.-	1325.-	6625.-	1
3LD4 ___ 2BB10-ORCO	2P 2W	370.-	620.-	700.-	825.-	875.-	1030.-	1335.-	2005.-	9695.-	
3LD4 ___ 3BB10-ORCO	3P 2W	450.-	765.-	935.-	1150.-	1330.-	1435.-	1685.-	2700.-	12550.-	
3LD4 ___ 4BB10-ORCO	4P 2W	555.-	845.-	1075.-	1405.-	1770.-	1860.-	2065.-	3415.-	16000.-	

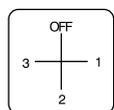


Without OFF (90°)



Type#	Description	Unit LP* ₹									Std. pkg. (nos.)
		6A (001)	10A (102)	16A (103)	20A (104)	25A (205)	32A (206)	40A (207)	63A (208)	100A (309)	
3LD4 ___ 1PC10-ORCO	1P 2W	275.-	505.-	620.-	625.-	650.-	720.-	975.-	1325.-	6625.-	1
3LD4 ___ 2PC10-ORCO	2P 2W	370.-	620.-	700.-	825.-	875.-	1030.-	1335.-	2005.-	9695.-	
3LD4 ___ 3PC10-ORCO	3P 2W	450.-	765.-	935.-	1150.-	1330.-	1435.-	1685.-	2700.-	12550.-	
3LD4 ___ 4PC10-ORCO	4P 2W	555.-	845.-	1075.-	1405.-	1770.-	1860.-	2065.-	3415.-	16000.-	

Phase Changeover Switch (PCS)



Type#	Description	Unit LP* ₹									Std. pkg. (nos.)
		6A (001)	10A (102)	16A (103)	20A (104)	25A (205)	32A (206)	40A (207)	63A (208)	100A (309)	
3LD4 ___ 1CC10-ORCO	1P 3W	330.-	445.-	520.-	620.-	625.-	775.-	1140.-	1275.-	5450.-	1



Fill in the 5th, 6th & 7th of the type nos with the digits in () to get complete MLFB
e.g. for 10A 3 Pole Changeover with OFF (60°) the complete type no will be 3LD41023BB10-ORCO

3LD4 Control Switches

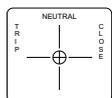
Breaker Control Switch

Breaker Control Switch also referred to as **TNC or Trip-Neutral-Close Switch** is used in the control circuit of Low & Medium Voltage panels for switching circuit breakers. BCS switch has three positions – Trip, Neutral & Close used for switching the circuit breaker via auxiliary releases.



Product Features

- Pistol grip handle for easy operation
- Spring return operation
- High electrical & mechanical life
- Available in 25A & 32A ratings
- Tested as per IEC 60947-5-1

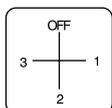


Description	Rating	Type#	Unit LP* ₹	Std. pkg. (nos.)
1 Trip + 1 Close	25A	3LD4205-2BB50-ORCO	1825.-	1
	32A	3LD4206-2BB50-ORCO	2155.-	
2 Trip + 2 Close	25A	3LD4205-4BB50-ORCO	2200.-	
	32A	3LD4206-4BB50-ORCO	2565.-	

Multistep Switch

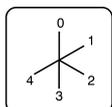


Multistep 3 Way with OFF



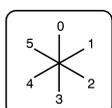
Type#	Description	Unit LP* ₹										Std. pkg. (nos.)
		6A (001)	10A (102)	16A (103)	20A (104)	25A (205)	32A (206)	40A (207)	63A (208)	100A (309)		
3LD4 ___1CC40-ORCO	1P 3W	330.-	555.-	645.-	660.-	700.-	780.-	1115.-	1260.-	6410.-	1	
3LD4 ___2CC40-ORCO	2P 3W	450.-	650.-	780.-	935.-	1070.-	1145.-	1650.-	1855.-	9980.-		
3LD4 ___3CC40-ORCO	3P 3W	650.-	865.-	1325.-	1420.-	1580.-	1720.-	2195.-	2870.-	13050.-		
3LD4 ___4CC40-ORCO	4P 3W	835.-	1120.-	1605.-	1760.-	1970.-	2170.-	2945.-	3430.-	16480.-		

Multistep 4 Way with OFF



Type#	Description	Unit LP* ₹										Std. pkg. (nos.)
		6A (001)	10A (102)	16A (103)	20A (104)	25A (205)	32A (206)	40A (207)	63A (208)	100A (309)		
3LD4 ___1DD40-ORCO	1P 4W	375.-	495.-	935.-	1015.-	1120.-	1245.-	1410.-	1915.-	5670.-	1	
3LD4 ___2DD40-ORCO	2P 4W	650.-	940.-	1105.-	1135.-	1180.-	1370.-	1770.-	2235.-	8755.-		
3LD4 ___3DD40-ORCO	3P 4W	910.-	1265.-	1755.-	1840.-	1970.-	2260.-	3020.-	3430.-	24120.-		

Multistep 5 Way with OFF

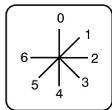


Type#	Description	Unit LP* ₹										Std. pkg. (nos.)
		6A (001)	10A (102)	16A (103)	20A (104)	25A (205)	32A (206)	40A (207)	63A (208)	100A (309)		
3LD4 ___1EE40-ORCO	1P 5W	425.-	795.-	1075.-	1215.-	1400.-	1420.-	1755.-	2050.-	6030.-	1	
3LD4 ___2EE40-ORCO	2P 5W	765.-	1230.-	1425.-	1650.-	1910.-	2235.-	2305.-	2875.-	8750.-		

* LP - List Price

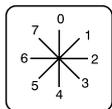
Multistep Switch

Multistep 6 Way with OFF



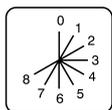
Type#	Description	Unit LP* ₹									Std. pkg. (nos.)
		6A (001)	10A (102)	16A (103)	20A (104)	25A (205)	32A (206)	40A (207)	63A (208)		
3LD4 ___ 1FF40-ORCO	1P 6W	550.-	895.-	1035.-	1140.-	1245.-	1455.-	1490.-	2415.-	1	
3LD4 ___ 2FF40-ORCO	2P 6W	910.-	1335.-	1500.-	1695.-	1915.-	2320.-	2965.-	3875.-		

Multistep 7 Way with OFF



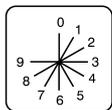
Type#	Description	Unit LP* ₹									Std. pkg. (nos.)
		6A (001)	10A (102)	16A (103)	20A (104)	25A (205)	32A (206)	40A (207)	63A (208)		
3LD4 ___ 1GG40-ORCO	1P 7W	555.-	920.-	1135.-	1240.-	1420.-	1485.-	1545.-	2400.-	1	

Multistep 8 Way with OFF



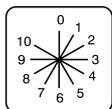
Type#	Description	Unit LP* ₹				Std. pkg. (nos.)
		6A (001)	10A (102)	16A (103)	20A (104)	
3LD4 ___ 1HH40-ORCO	1P 8W	630.-	775.-	1115.-	1290.-	1

Multistep 9 Way with OFF



Type#	Description	Unit LP* ₹				Std. pkg. (nos.)
		6A (001)	10A (102)	16A (103)	20A (104)	
3LD4 ___ 1JJ40-ORCO	1P 9W	650.-	945.-	1150.-	1370.-	1

Multistep 10 Way with OFF



Type#	Description	Unit LP* ₹				Std. pkg. (nos.)
		6A (001)	10A (102)	16A (103)	20A (104)	
3LD4 ___ 1KK40-ORCO	1P 10W	765.-	1005.-	1545.-	2075.-	1

Multistep 11 Way with OFF



Type#	Description	Unit LP* ₹				Std. pkg. (nos.)
		6A (001)	10A (102)	16A (103)	20A (104)	
3LD4 ___ 1LL40-ORCO	1P 11W	910.-	1085.-	1695.-	2235.-	1

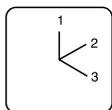
* Fill in the 5th, 6th & 7th of the type nos with the digits in () to get complete MLFB
 e.g. for 6A 3 Pole Multistep 4 Way with OFF the complete type no will be 3LD40013DD40-ORCO

Control Switches

Multistep Switch

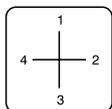


Multistep 3 Way without OFF



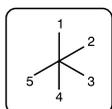
Type#	Description	Unit LP* ₹									Std. pkg. (nos.)
		6A (001)	10A (102)	16A (103)	20A (104)	25A (205)	32A (206)	40A (207)	63A (208)	100A (309)	
3LD4 ___ 1QB40-ORCO	1P 3W	310.-	535.-	650.-	660.-	825.-	850.-	1320.-	1485.-	5575.-	1
3LD4 ___ 2QB40-ORCO	2P 3W	450.-	810.-	920.-	1010.-	1080.-	1115.-	1650.-	1950.-	9980.-	
3LD4 ___ 3QB40-ORCO	3P 3W	650.-	1010.-	1370.-	1465.-	1580.-	1720.-	2415.-	2870.-	10720.-	
3LD4 ___ 4QB40-ORCO	4P 3W	835.-	1120.-	1585.-	1800.-	2000.-	2125.-	4690.-	5175.-	11490.-	

Multistep 4 Way without OFF



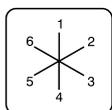
Type#	Description	Unit LP* ₹									Std. pkg. (nos.)
		6A (001)	10A (102)	16A (103)	20A (104)	25A (205)	32A (206)	40A (207)	63A (208)	100A (309)	
3LD4 ___ 1RC40-ORCO	1P 4W	355.-	585.-	795.-	855.-	985.-	1035.-	1425.-	1990.-	6795.-	1
3LD4 ___ 2RC40-ORCO	2P 4W	505.-	840.-	935.-	1075.-	1170.-	1275.-	1720.-	2235.-	10490.-	
3LD4 ___ 3RC40-ORCO	3P 4W	690.-	825.-	1485.-	1645.-	1860.-	2065.-	2245.-	3000.-	13830.-	

Multistep 5 Way without OFF



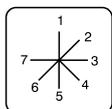
Type#	Description	Unit LP* ₹									Std. pkg. (nos.)
		6A (001)	10A (102)	16A (103)	20A (104)	25A (205)	32A (206)	40A (207)	63A (208)	100A (309)	
3LD4 ___ 1SD40-ORCO	1P 5W	425.-	615.-	850.-	975.-	1115.-	1370.-	1755.-	2240.-	6000.-	1
3LD4 ___ 2SD40-ORCO	2P 5W	765.-	1035.-	1170.-	1500.-	1760.-	1895.-	2430.-	3080.-	8625.-	

Multistep 6 Way without OFF



Type#	Description	Unit LP* ₹									Std. pkg. (nos.)
		6A (001)	10A (102)	16A (103)	20A (104)	25A (205)	32A (206)	40A (207)	63A (208)	100A (309)	
3LD4 ___ 1TE40-ORCO	1P 6W	445.-	550.-	1070.-	1140.-	1245.-	1420.-	1655.-	2100.-	9980.-	1
3LD4 ___ 2TE40-ORCO	2P 6W	865.-	1050.-	1435.-	1800.-	2205.-	2265.-	2305.-	2940.-	19915.-	

Multistep 7 Way without OFF

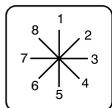


Type#	Description	Unit LP* ₹									Std. pkg. (nos.)
		6A (001)	10A (102)	16A (103)	20A (104)	25A (205)	32A (206)	40A (207)	63A (208)	100A (309)	
3LD4 ___ 1UF40-ORCO	1P 7W	550.-	700.-	810.-	1120.-	1475.-	1480.-	1770.-	2630.-	1	

* LP - List Price

Multistep Switch

Multistep 8 Way without OFF



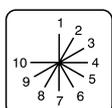
Type#	Description	Unit LP* ₹				Std. pkg. (nos.)
		6A (001)	10A (102)	16A (103)	20A (104)	
3LD4 ___ 1VG40-ORCO	1P 8W	555.-	1095.-	1210.-	1290.-	1

Multistep 9 Way without OFF



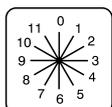
Type#	Description	Unit LP* ₹				Std. pkg. (nos.)
		6A (001)	10A (102)	16A (103)	20A (104)	
3LD4 ___ 1WH40-ORCO	1P 9W	650.-	1135.-	1920.-	2385.-	1

Multistep 10 Way without OFF



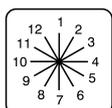
Type#	Description	Unit LP* ₹				Std. pkg. (nos.)
		6A (001)	10A (102)	16A (103)	20A (104)	
3LD4 ___ 1XJ40-ORCO	1P 10W	700.-	1155.-	2125.-	2870.-	1

Multistep 11 Way without OFF



Type#	Description	Unit LP* ₹				Std. pkg. (nos.)
		6A (001)	10A (102)	16A (103)	20A (104)	
3LD4 ___ 1YK40-ORCO	1P 11W	725.-	1180.-	2290.-	3025.-	1

Multistep 12 Way without OFF



Type#	Description	Unit LP* ₹				Std. pkg. (nos.)
		6A (001)	10A (102)	16A (103)	20A (104)	
3LD4 ___ 1ZL40-ORCO	1P 12W	795.-	1210.-	2385.-	3060.-	1

* Fill in the 5th, 6th & 7th of the type nos with the digits in () to get complete MLFB
 e.g. for 6A 1 Pole Multistep 4 Way without OFF the complete type no will be 3LD4-0011RC40-ORCO

* LP - List Price



Control Switches



Geared to act **FAST!**

Siemens range of fuses

Fuses are the fastest & simplest current limiting devices, suitable for protection of lines, systems, devices in both distribution & control circuits.

Available in varied design - with a wide current range, multiple voltage ratings and high short circuit strength. Our fuses are perfectly equipped to minimize the effect of over currents, thus allowing you to protect property as well as lives.

Siemens Fuses offer:

- High switching capacity
- Compact Design
- Low Watt Losses

With Siemens fuses - protection is Easy, Safe and Reliable

www.siemens.com/fuses

SIEMENS

HRC fuses (DIN) 3NA

- High Breaking capacity of 120kA
- Dual indication for fault detection
- CE marked
- Highly compact: upto 100A in size 000



Upto 800A, 500V AC, S.C. breaking capacity 120kA

Size	Rated current (A)	Type	Unit MRP [®] ₹	Std. pkg.** (nos.)
000	2	3NA78020RC	540.-	1/6
	4	3NA78040RC	540.-	1/6
	6	3NA78010RC	540.-	1/6
	10	3NA78030RC	540.-	1/6
	16	3NA78050RC	545.-	1/6
	20	3NA78070RC	545.-	1/6
	25	3NA78100RC	545.-	1/6
	32	3NA78120RC	545.-	1/6
	40	3NA78170RC	570.-	1/6
	50	3NA78200RC	570.-	1/6
	63	3NA78220RC	635.-	1/6
	80	3NA78240RC	700.-	1/6
	100	3NA78300RC	700.-	1/6
00	125	3NA78320RC	835.-	1/6
	160	3NA78360RC	885.-	1/6
	50	3NA71200RC	1210.-	1/3
1	63	3NA71220RC	1210.-	1/3
	80	3NA71240RC	1210.-	1/3
	100	3NA71300RC	1210.-	1/3
	125	3NA71320RC	1265.-	1/3
	160	3NA71360RC	1300.-	1/3
	200	3NA71400RC	1300.-	1/3
	224	3NA71420RC	1355.-	1/3
2	250	3NA71440RC	1465.-	1/3
	200	3NA72400RC	1795.-	1/3
	250	3NA72440RC	1870.-	1/3
	315	3NA72520RC	1935.-	1/3
	400*	3NA72600RC	1935.-	1/3
3	315	3NA33520RC	2755.-	1/3
	400	3NA33600RC	2755.-	1/3
	500	3NA33650RC	3075.-	1/3
	630	3NA33720RC	3150.-	1/3
	800*	3NA33754RC	3835.-	1/3

* 400A (Size II) and 800A are rated at 415V AC

■ Stock items

* LP - List Price

® MRP - Max. Retail Price

Isolating links (DIN)

Size	Rated current (A)	Type	Unit MRP [®] ₹	Std. pkg.** (nos.)
00	160	■ 3NG1000	615.-	1
1	250	■ 3NG1250	925.-	1
2	400	■ 3NG1300	1505.-	1
3	630	■ 3NG1400	1560.-	1



Fuse bases (DIN)

Size	Rated current (A)	Suitable for fuse link type	Type	Unit MRP [®] ₹	Std. pkg.** (nos.)
00/000	160	3NA7 8	■ 3NH3030-ORC (Screw-in)	745.-	1/10
00/000	160	3NA7 8	■ 3NH3032-ORC (Plug in)	800.-	1/10
1	250	3NA7 1	■ 3NH3230-ORC	1495.-	1/5
2	400	3NA7 2	■ 3NH3330-ORC	2115.-	1/5
3	630	3NA3 3	■ 3NH3430-ORC	3050.-	1/5
3	800	3NA3 3	■ 3NH3430-4RC	3610.-	1/5



Fuse puller

Description	Type	Unit MRP [®] ₹	Std. pkg.** (nos.)
Suitable for 3KL8 and all sizes of fuse links/isolating links	■ 3NX1011	3655.-	1
Suitable only for fuse links and isolating links	3NX1010	1525.-	1



LV HRC contact covers

Size	Type	Unit LP* ₹	Std. pkg.** (nos.)
00/000	3NX3115	835.-	1/10
00/000	3NX3116	520.-	1/10



Note: Prices on request for Touch protection of contact pieces of all sizes



HRC fuses (BS) 3NW

- 2A-800A
- Rated at 415V AC/240V DC
- Breaking capacity 80kA (AC)



Blade tag

Rated current (A)	Type	Unit MRP* ₹	Std. pkg.** (nos.)
2	■ 3NWN52	150.-	20
4	■ 3NWN54	150.-	20
6	■ 3NWN56	150.-	20
10	■ 3NWN510	150.-	20
16	■ 3NWN516	150.-	20
20	■ 3NWN520	180.-	20
25	■ 3NWN525	180.-	20
32	3NWN532	180.-	20

Offset tag

Rated current (A)	Type	Unit MRP* ₹	Std. pkg.** (nos.)
2	3NWTIA2	215.-	20
4	3NWTIA4	215.-	20
6	3NWTIA6	215.-	20
10	■ 3NWTIA10	240.-	20
16	■ 3NWTIA16	240.-	20
20	■ 3NWTIA20	240.-	20
25	■ 3NWTIA25	240.-	20
32	■ 3NWTIA32	240.-	20
40	3NWTIS40	330.-	20
50	■ 3NWTIS50	330.-	20
63	■ 3NWTIS63	330.-	20
80	3NWTCP80	850.-	10
100	■ 3NWTCP100	850.-	10
125	3NWTFP125	1725.-	5
160	3NWTFP160	1725.-	5
200	3NWTFP200	1725.-	5

Central tag

Rated current (A)	Type	Unit MRP* ₹	Std. pkg.** (nos.)
80	3NWT80	915.-	10
100	3NWT100	915.-	10
125	3NWT125	1885.-	5
160	3NWT160	1885.-	5
200	3NWT200	1885.-	5
250	3NWT250	2605.-	1
315	3NWT315	2605.-	1
355	3NWT355	3035.-	1
400	3NWT400	3035.-	1
500	3NWT500	4770.-	1
630	3NWT630	5810.-	1
710	3NWT710	6640.-	1
800	3NWT800	6640.-	1

Offset tag

Rated current (A)	Type	Unit MRP* ₹	Std. pkg.** (nos.)
6	3NWTSA6	180.-	20
10	3NWTSA10	180.-	20
16	3NWTSA16	180.-	20
20	3NWTSA20	180.-	20
25	3NWTSA25	180.-	20
32	3NWTSA32	180.-	20
36	3NWTSS36	355.-	20
40	3NWTSS40	355.-	20
50	3NWTSS50	355.-	20
63	3NWTSS63	355.-	20
80	3NWTSDS80	670.-	20
100	3NWTSDS100	670.-	20
125	3NWTFF125	845.-	5
160	3NWTFF160	920.-	5
200	3NWTFF200	845.-	5

Central tag

Rated current (A)	Type	Unit MRP* ₹	Std. pkg.** (nos.)
80	3NWTDC80	815.-	10
100	3NWTDC100	815.-	10
125	3NWTFS125	850.-	5
160	3NWTFS160	850.-	5
200	3NWTFS200	850.-	5
250	3NWTFS250	2040.-	1
315	3NWTFS315	2040.-	1
355	3NWTFS355	3405.-	1
400	3NWTFS400	3405.-	1
450	3NWTFS450	2825.-	1
500	3NWTFS500	2825.-	1
560	3NWTFS560	5395.-	1
630	3NWTFS630	4575.-	1
800	3NWTFS800	6605.-	1

Fuse holders (for fuses type 3NW TIA, TSA, TIS, TSS, TSDS)

Rated current (A)	Type	Unit MRP* ₹	Std. pkg.** (nos.)
32	3NWT32F9	3275.-	10
63	3NWT63F9	3845.-	10
100	3NWT100F9	4240.-	10

Fuse holders (for fuses Type 3NW NS) & Isolating link

Rated current (A)	Type	Unit MRP* ₹	Std. pkg.** (nos.)
20	■ 3NW20NSF	345.-	10
32	■ 3NW32NSF	435.-	10
32A (Iso. Link)	■ 3NW32NSL	190.-	10

** Purchase MOQ for our authorised dealers is in multiples of standard packing, please contact your nearest Siemens Sales Office for further details

■ Stock items

* MRP - Maximum Retail Price

Please order in multiples of standard packing.

SINOVA THE POWER OF **SIMPLICITY**

3MT7, 3MH7 & 3MU7

Contactors & Overload relays



Adaptable

Our contactors and overload relays are designed to easily fit into various panel designs, catering to your control and protection requirements



Trustworthy

Our contactors and overload relays ensure reliable motor protection



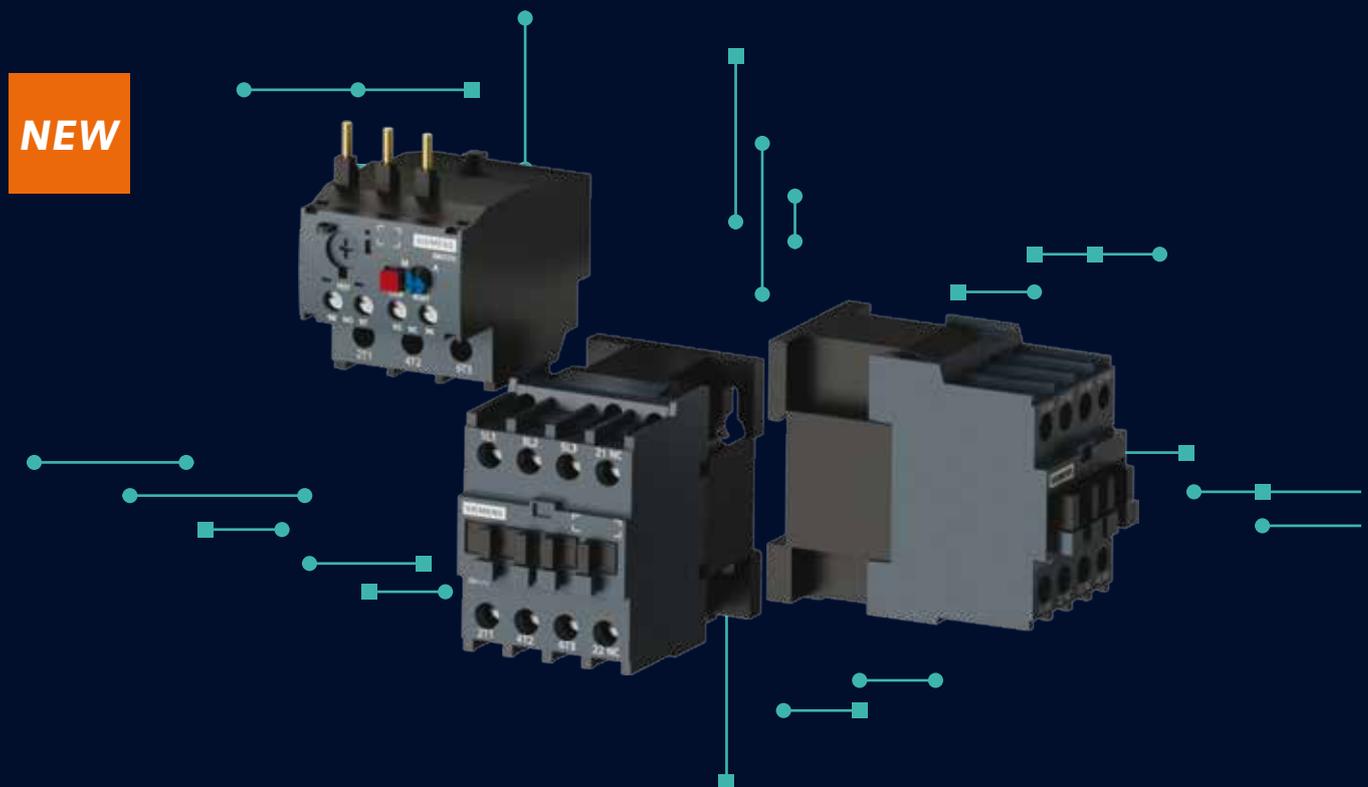
Assurance

Our contactors and overload relays are compliant with IEC 60947-4-1 and IEC 60947-5-1 standards, RoHS compliant, CE certified, and type-tested



Consistent Design

Our contactors and overload relays are uniform in design aesthetic and compatible with accessories across the product ranges



www.siemens.co.in

SIEMENS



Power Contactors

Size	AC-3 operational current I _e upto 400V A	Motor rating at 400V, 50Hz KW	Auxiliary contacts	Type ^s	Unit LP ₹	Std. pkg. (nos.)
0	6	2.2	1 NO	■ 3MT7006-0AA10-0A..	1475.-	1
			1 NC	■ 3MT7006-0AA01-0A..	1475.-	1
	9	4	1 NO	■ 3MT7010-0AA10-0A..	1525.-	1
			1 NC	■ 3MT7010-0AA01-0A..	1525.-	1
	12	5.5	1 NO	■ 3MT7012-0AA10-0A..	1680.-	1
			1 NC	■ 3MT7012-0AA01-0A..	1680.-	1
1	18	7.5	1 NO	■ 3MT7018-1AA10-0A..	1875.-	1
			1 NC	■ 3MT7018-1AA01-0A..	1875.-	1
	22	11	1 NO	■ 3MT7022-1AA10-0A..	2295.-	1
			1 NC	■ 3MT7022-1AA01-0A..	2295.-	1
2	25	11	1 NO	■ 3MT7025-2AA10-0A..	2685.-	1
			1 NC	■ 3MT7025-2AA01-0A..	2685.-	1
	32	15	1 NO	■ 3MT7032-2AA10-0A..	5585.-	1
			1 NC	■ 3MT7032-2AA01-0A..	5585.-	1
	38	18.5	1 NO	■ 3MT7038-2AA10-0A..	7680.-	1
			1 NC	■ 3MT7038-2AA01-0A..	7680.-	1
	40	18.5	1 NO	■ 3MT7040-2AA10-0A..	7985.-	1
			1 NC	■ 3MT7040-2AA01-0A..	7985.-	1
3	40	18.5	1NO + 1NC	■ 3MT7040-3AA11-0A..	8880.-	1
	50	22	1NO + 1NC	■ 3MT7050-3AA11-0A..	11235.-	1
	65	30	1NO + 1NC	■ 3MT7065-3AA11-0A..	14650.-	1
4	80	37	1NO + 1NC	■ 3MT7080-4AA11-0A..	22585.-	1
	95	45	1NO + 1NC	■ 3MT7095-4AA11-0A..	23165.-	1
5	120	160	-	■ 3MT7120-5AA00-0A..**	27055.-	1
	140	160	-	■ 3MT7140-5AA00-0A..**	34875.-	1
6	170	210	-	■ 3MT7170-6AA00-0A..**	47005.-	1
	205	220	-	■ 3MT7205-6AA00-0A..**	53490.-	1
7	250	300	-	■ 3MT7250-7AA00-0A..**	64290.-	1
	300	300	-	■ 3MT7300-7AA00-0A..**	77565.-	1
8	400	400	-	■ 3MT7400-8AA00-0A..**	96840.-	1

Auxiliary Contactors



Operational current AC-15 at 230V	Auxiliary contacts		Type ^s	Unit LP ₹	Std. pkg. (nos.)
	NO	NC			
6	4	-	■ 3MH7040-1A..0	1580.-	1
6	3	1	■ 3MH7031-1A..0		1
6	2	2	■ 3MH7022-1A..0		1

\$ Please enter coil codes from table below

** Please select the required Contact Blocks from table in page 39

Coil code (AC)

Frequency	Coil Codes			
	24V	110V	230V	415V
50/60Hz	C2	■ F2	■ L2	R2 [†]

#not available for Size 5, 6, 7 & 8 contactors - Please use R0 for 415V 50Hz

Please contact nearest sales office for other coil voltages

Accessories: 3MT7 and 3MH7 Contactors

Auxiliary Contact Blocks

Compatible with 3MT7 Power contactors and 3MH7 Auxiliary Contactors

For Contactor	Auxiliary Contact	Type	Unit LP ₹	Std. pkg. (nos.)
for snapping onto the front				
3MT7006 - 3MT7095 & 3MH7	1 NO	3MH7910-OCT10	270.-	1
	1 NC	3MH7901-OCT10	270.-	1
	2 NO	3MH7920-OCT10	485.-	1
	1 NO + 1 NC	3MH7911-OCT10	485.-	1
	2 NC	3MH7902-OCT10	485.-	1
	4 NO	3MH7940-OCT10	880.-	1
	3 NO + 1 NC	3MH7931-OCT10	880.-	1
	2 NO + 2 NC	3MH7922-OCT10	880.-	1
	1 NO + 3 NC	3MH7913-OCT10	880.-	1
	4 NC	3MH7904-OCT10	880.-	1
First Laterally mountable auxiliary Contact blocks on left and / or right				
3MT7006 - 3MT7095	2 NO	3MH7920-OCL10	1025.-	1
	1NO + 1NC	3MH7911-OCL10	1025.-	1
3MT7120 - 3MT7400	1NO + 1NC	3MH79110CL21	1240.-	1
Second Laterally mountable auxiliary Contact blocks on left and / or right				
3MT7120 - 3MT7400	1NO + 1NC	3MH79110CL22	1240.-	1

Pneumatic timer

For Contactor	Function	Timing Seconds	Type	Unit LP ₹	Std. pkg. (nos.)
3MT7006 - 3MT7095	ON delay (Auxiliary Contact: 1NO+1NC)	0.1-3	3MT7900-OPN10	3835.-	1
		0.1-30	3MT7900-OPN20	3835.-	1
		10-180	3MT7900-OPN30	3835.-	1
	OFF delay	0.1-3	3MT7900-OPF10	4055.-	1
		0.1-30	3MT7900-OPF20	4055.-	1
		10-180	3MT7900-OPF30	4055.-	1



Surge Suppressor

Compatible with 3MT7 Power contactors and 3MH7 Auxiliary Contactors

Rated Control supply Voltage (Us) AC	Type	Unit LP ₹	Std. pkg. (nos.)
Surge suppressor (RC unit) for 3MT7006 - 3MT7095 & 3MH7			
24-48V	3MT7900-1SC21	770.-	1
110-240V	3MT7900-1SL21	770.-	1
380-440V	3MT7900-1SV21	990.-	1
Surge suppressor (Varistor) for 3MT7120 - 3MT7400			
Less than 48V	3MT7900-2SC22	1065.-	10
48 - 127V	3MT7900-2SF22	1065.-	10
127 - 240V	3MT7900-2SL22	1065.-	10
240 - 400V	3MT7900-2SV02	1125.-	10
400 - 600V	3MT7900-2SR02	1125.-	10

Interlock

For Contactor	Type	Unit LP ₹	Std. pkg. (nos.)
Mechanical Interlock			
3MT7006 - 3MT7040 (Size 0,1,2)	3MT7900-1XM01	860.-	1
3MT7040 - 3MT7065 (Size 3)	3MT7900-1XM02	1920.-	1
3MT7080 - 3MT7095 (Size 4)	3MT7900-1XM03	2595.-	1
3MT7120 - 3MT7140 (Size 5)	3MT7900-1XM04	5545.-	1
3MT7170 - 3MT205 (Size 6)	3MT7900-1XM05	6345.-	1
3MT7250 - 3MT7300 (Size 7)	3MT7900-1XM06	7635.-	1
3MT7400 (Size 8)	3MT7900-1XM07	8160.-	1
3MT7120 - 3MT7205 (Size 5 / Size 6)	3MT7900-1XM45	6345.-	1
3MT7170 - 3MT300 (Size 6 / Size 7)	3MT7900-1XM56	7635.-	1
Electro-mechanical Interlock			
3MT7006 - 3MT7040 (Size 0, 1, 2)	3MT7900-1XE01	940.-	1
3MT7040 - 3MT7065 (Size 3)	3MT7900-1XE02	2025.-	1
3MT7080 - 3MT7095 (Size 4)	3MT7900-1XE03	2755.-	1

Spares: 3MT7 Contactors

Spare top housing

Size	AC-3 operational current Ie upto 400V A	Motor rating at 400V, 50Hz KW	Auxiliary contacts	Type	Unit LP ₹	Std. pkg. (nos.)
0	6	2.2	1 NO	3MT7906-0HA10	1490.-	1
			1 NC	3MT7906-0HA01	1490.-	1
	9	4	1 NO	3MT7910-0HA10	1545.-	1
			1 NC	3MT7910-0HA01	1545.-	1
	12	5.5	1 NO	3MT7912-0HA10	1655.-	1
			1 NC	3MT7912-0HA01	1655.-	1
1	18	7.5	1 NO	3MT7918-1HA10	1765.-	1
			1 NC	3MT7918-1HA01	1765.-	1
	22	11	1 NO	3MT7922-1HA10	1885.-	1
			1 NC	3MT7922-1HA01	1885.-	1
2	25	11	1 NO	3MT7925-2HA10	2155.-	1
			1 NC	3MT7925-2HA01	2155.-	1
	32	15	1 NO	3MT7932-2HA10	4190.-	1
			1 NC	3MT7932-2HA01	4190.-	1
	38	18.5	1 NO	3MT7938-2HA10	6065.-	1
			1 NC	3MT7938-2HA01	6065.-	1
40	18.5	1 NO	3MT7940-2HA10	6615.-	1	
		1 NC	3MT7940-2HA01	6615.-	1	
3	40	18.5	1NO + 1NC	3MT7940-3HA11	7165.-	1
	50	22	1NO + 1NC	3MT7950-3HA11	7885.-	1
	65	30	1NO + 1NC	3MT7965-3HA11	8670.-	1
4	80	37	1NO + 1NC	3MT7980-4HA11	12350.-	1
	95	45	1NO + 1NC	3MT7995-4HA11	14445.-	1

Spare contact kit

Main contact kits for Size 5, 6, 7, 8 contactors (Set of 6 fixed & 3 moving contacts)

Size	AC-3 operational current Ie upto 400V A	Motor rating at 400V, 50Hz KW	Auxiliary contacts	Type	Unit LP ₹	Std. pkg. (nos.)
5	120	160	-	3MT7912-0KA00	14655.-	1
	140	160	-	3MT7914-0KA00	18435.-	1
6	170	210	-	3MT7917-0KA00	23170.-	1
	205	220	-	3MT7920-5KA00	24715.-	1
7	250	300	-	3MT7925-0KA00	29730.-	1
	300	300	-	3MT7930-0KA00	34955.-	1
8	400	400	-	3MT7940-0KA00	46255.-	1

Spare Coil

For Contactor (AC3 Rating)	Type ^s	Unit LP ₹	Std. pkg. (nos.)
3MT7006 - 3MT7022	3MT79000L..1	970.-	1
3MT7025 - 3MT7040	3MT79000L..2	1680.-	1
3MT7040 - 3MT7095	3MT79000L..3	2705.-	1
3MT7120 - 3MT7140	3MT79000L..5	4200.-	1
3MT7170 - 3MT7205	3MT79000L..6	5325.-	1
3MT7250 - 3MT7300	3MT79000L..7	6435.-	1
3MT7400	3MT79000L..8	9350.-	1

Coil code (AC)

\$ Please enter coil codes from table below

Frequency	Coil Codes			
	24V	110V	230V	415V
50/60Hz	C2	■ F2	■ L2	R2 [#]

#not available for Size 5, 6, 7 & 8 contactors - Please use R0 for 415V 50Hz

Please contact nearest sales office for other coil voltages

3MU7 – Thermal overload relays



For contactor mounting - Class 10 - Screw Terminals

Size	For Contactor	Current Range	Type	Unit LP ₹	Std. pkg. (nos.)	
1	3MT7006 - 3MT7040 Size 0, 1, 2	0.10 - 0.16	■ 3MU7110-0AA0	2505.-	1	
		0.16 - 0.25	■ 3MU7110-0BA0		1	
		0.25 - 0.40	■ 3MU7110-0CA0		1	
		0.40 - 0.63	■ 3MU7110-0DA0		1	
		0.63 - 1	■ 3MU7110-0EA0		1	
		1 - 1.6	■ 3MU7110-0FA0		1	
		1.25 - 2	■ 3MU7110-0GA0		1	
		1.6 - 2.5	■ 3MU7110-0HA0		1	
		2.5 - 4	■ 3MU7110-0JA0		1	
		4 - 6	■ 3MU7110-0KA0		1	
		5.5 - 8	■ 3MU7110-0LA0		1	
	7 - 10	■ 3MU7110-0MA0	2565.-	1		
	9 - 13	■ 3MU7110-0NA0		1		
		3MT7018 - 3MT7040 Size 1, 2	12 - 18	■ 3MU7110-0PA0	2600.-	1
17 - 25			■ 3MU7110-0QA0	2880.-	1	
2	3MT7025 - 3MT7040 Size 2	23 - 32	■ 3MU7210-1AA0	4405.-	1	
		28 - 36	■ 3MU7210-1BA0	4535.-	1	
3	3MT7040 - 3MT7095 Size 3, 4	23 - 32	■ 3MU7310-2AA0		4745.-	1
		30 - 40	■ 3MU7310-2BA0	1		
		37 - 50	■ 3MU7310-2CA0	5805.-		1
		48 - 65	■ 3MU7310-2DA0	7630.-		1
	3MT7080 - 3MT7095 Size 4	55 - 70	■ 3MU7310-2EA0		1	
		63 - 80	■ 3MU7310-2FA0	1		
		80 - 93	■ 3MU7310-2GA0		1	

For independent mounting - Class 10 A - Screw Terminals

Size	Current Range	Type	Unit LP ₹	Std. pkg. (nos.)
4	85 - 135A	■ 3MU7410-3AA1	10915.-	1
	115 - 180A	■ 3MU7410-3BA1	13760.-	1
	160 - 250A	■ 3MU7410-3CA1	16670.-	1
	200 - 320A	■ 3MU7410-3DA1	16840.-	1
	250 - 400A	■ 3MU7410-3EA1	18830.-	1
5	312 - 500A	■ 3MU7510-4AA1	21810.-	1

Accessories	Size	Type	Unit LP ₹	Std. pkg. (nos.)
Relay stand-alone installation kit	Size 1	■ 3MU7900-0MA10	645.-	1
	Size 2	■ 3MU7900-0MA20	820.-	1
	Size 3	■ 3MU7900-0MA30	1710.-	1
Relay setting dial sealing cover	Size 1, 2, 3	■ 3MU7900-0CA00	245.-	1

Note: Accessories shown are only applicable to 3MU71, 3MU72 and 3MU73.



SINOVA 3MT7

Capacitor Duty Contactors

Reliable Switching

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SIEMENS

3MT7 Capacitor Duty Contactors

NEW



Comprehensive Range

Available from 2.5kvar to 100kvar offering more options for accurate selection thus reducing the cost of installation.



Reliable

The entire range is DIN rail mountable for quick installation and provides excellent damping of inrush current enhancing your system life.



Safe

Confirming to UL508, CSA 22.2, IEC 60947-4-1 and IEC 60947-5-1 standards and is RoHS compliant.



Capacitor kvar 415V AC, 3Ph, 50Hz	Built-in aux. contacts	Type®	Unit LP ₹	Built-in aux. contacts	Type®	Unit LP ₹	Std. pkg. (nos.)
NEW 2.5kvar	1NO	3MT70002JA106A..	2460.-	1NC	3MT70002JA016A..	2460.-	1
NEW 5kvar	1NO	3MT70005JA106A..	2720.-	1NC	3MT70005JA016A..	2720.-	1
NEW 7.5kvar	1NO+1NC	3MT70007JA116A..	2995.-	2NC	3MT70007JA026A..	2995.-	1
NEW 10kvar	1NO+1NC	3MT70010JA116A..	3730.-	2NC	3MT70010JA026A..	3730.-	1
NEW 12.5kvar	1NO+1NC	3MT70012JA116A..	3810.-	2NC	3MT70012JA026A..	3810.-	1
NEW 16.7kvar	1NO+1NC	3MT70016JA116A..	5050.-	2NC	3MT70016JA026A..	5050.-	1
NEW 20kvar	1NO+1NC	3MT70020JA116A..	5615.-	2NC	3MT70020JA026A..	5615.-	1
NEW 25kvar	1NO+1NC	3MT70025JA116A..	6435.-	2NC	3MT70025JA026A..	6435.-	1
NEW 33.3kvar	1NO+2NC	3MT70033JA126A..	9755.-				1
NEW 40kvar	1NO+2NC	3MT70040JA126A..	15745.-				1
NEW 50kvar	1NO+2NC	3MT70050JA126A..	18430.-				1
60kvar	1NO+2NC	3MT70060JA126A..	19590.-				1
80kvar	1NO+2NC	3MT70080JA126A..	24050.-				1
100kvar	1NO+2NC	3MT70100JA126A..	24990.-				1

@ Please enter coil codes from table below

Coil for Contactors 2.5 to 60 kvar

Frequency	24V AC	110V AC	220V AC	240V AC	415V AC
50/60 Hz	C2	G2	N2 ■	P2 ■	R2

Coil for Contactors 80 and 100 kvar

Frequency	110V AC	220V AC	240V AC	415V AC
50 Hz	F0	M0 ■	U0 ■	V0

Spares for 3MT7 Contactors

Contactor Coils	Type®	Unit LP ₹	Std. pkg. (nos.)
2.5kvar to 16.7kvar : 3MT70002 to 3MT70016	3MT72000L..9M1A	735.-	1
20kvar to 25kvar : 3MT70020 to 3MT70025	3MT74000L..9M1A	870.-	1
33.3kvar to 60kvar : 3MT70033 to 3MT70075	3MT76000L..9M1A	2235.-	1
80kvar to 100kvar : 3MT70080 to 3MT70100	3MT78000L..9M1A	2440.-	1

Spare side aux. contact block	Type	Unit LP ₹	Std. pkg. (nos.)
1NO+1NC	3MT70110CL09M1A	550.-	10
2NC	3MT70200CL09M1A	550.-	10



Designed

with



Application

in



Mind

Explore 3TS range of
Contactors

SIEMENS

Power Contactors



3TS Contactor

Rating Ie (AC-3) 415 V, 50 Hz	Built-in aux contacts	Coil voltage AC, 50 Hz	Type	Unit LP ₹	Std. pkg. (nos.)
9 A	1 NO	110 V	3TS30 10-0AF0-08K	1580.-	1
	1 NO	230 V	3TS30 10-0AP0-08K		1
	1 NO	415 V	3TS30 10-0AR0-08K		1
	1 NC	110 V	3TS30 01-0AF0-08K		1
	1 NC	230 V	3TS30 01-0AP0-08K		1
	1 NC	415 V	3TS30 01-0AR0-08K		1
12 A	1 NO	110 V	3TS31 10-0AF0-08K	1745.-	1
	1 NO	230 V	3TS31 10-0AP0-08K		1
	1 NO	415 V	3TS31 10-0AR0-08K		1
	1 NC	110 V	3TS31 01-0AF0-08K		1
	1 NC	230 V	3TS31 01-0AP0-08K		1
	1 NC	415 V	3TS31 01-0AR0-08K		1
18 A	1 NO	110 V	3TS32 10-0AF0-08K	1950.-	1
	1 NO	230 V	3TS32 10-0AP0-08K		1
	1 NO	415 V	3TS32 10-0AR0-08K		1
	1 NC	110 V	3TS32 01-0AF0-08K		1
	1 NC	230 V	3TS32 01-0AP0-08K		1
	1 NC	415 V	3TS32 01-0AR0-08K		1
25 A	–	110 V	3TS33 00-0AF0-08K	2505.-	1
	–	230 V	3TS33 00-0AP0-08K		1
	–	415 V	3TS33 00-0AR0-08K		1

Rating Ie (AC-3) 415 V, 50 Hz	Built-in aux contacts	Coil voltage AC, 50 Hz	Type	Unit LP ₹	Std. pkg. (nos.)
32 A	–	110 V	3TS34 00-0AF0-08K	5520.-	1
	–	230 V	3TS34 00-0AP0-08K		1
	–	415 V	3TS34 00-0AR0-08K		1
40 A	–	110 V	3TS35 00-0AF0-08K	8010.-	1
	–	230 V	3TS35 00-0AP0-08K		1
	–	415 V	3TS35 00-0AR0-08K		1
50 A	–	110 V	3TS36 00-0AF0-08K	11105.-	1
	–	230 V	3TS36 00-0AP0-08K		1
	–	415 V	3TS36 00-0AR0-08K		1
	–	415 V	3TS36 00-0AR0-08K		1
65 A	2NO+2NC	110 V	3TS47 22-0AF0-08K	15765.-	1
	2NO+2NC	230 V	3TS47 22-0AP0-08K		1
	2NO+2NC	415 V	3TS47 22-0AR0-08K		1
	2NO+2NC	415 V	3TS47 22-0AR0-08K		1
75 A	2NO+2NC	110 V	3TS48 22-0AF0-08K	20520.-	1
	2NO+2NC	230 V	3TS48 22-0AP0-08K		1
	2NO+2NC	415 V	3TS48 22-0AR0-08K		1
	2NO+2NC	415 V	3TS48 22-0AR0-08K		1
85 A	2NO+2NC	110 V	3TS49 22-0AF0-08K	24010.-	1
	2NO+2NC	230 V	3TS49 22-0AP0-08K		1
	2NO+2NC	415 V	3TS49 22-0AR0-08K		1
105 A	2NO+2NC	110 V	3TS50 22-0AF0-08K	29000.-	1
	2NO+2NC	230 V	3TS50 22-0AP0-08K		1
	2NO+2NC	415 V	3TS50 22-0AR0-08K		1
	2NO+2NC	415 V	3TS50 22-0AR0-08K		1

Spares and Accessories

Auxiliary contact blocks

For contactor	Description	Type	Unit LP ₹	Std.pkg. (nos.)
3TS30 to 36	1NO	■ 3TX4 010-2A	280.-	10
	1NC	■ 3TX4 001-2A	280.-	10
	1NO (Extd)	■ 3TX4 010-4A	430.-	10
	1NC (Extd)	■ 3TX4 001-4A	430.-	10
3TS47 to 50	Second 1NO+1NC Left	■ 3TY7 561-1KA00 8K	1275.-	1
	Second 1NO+1NC Right			

Main contact kits (set of 6 fixed & 3 moving contacts)

Contactor rating	Description	Type	Unit LP ₹	Std. pkg. (nos.)
3TS33	Spare main contact kits	3TS91 33-00 8K	1165.-	1
3TS34		3TS91 34-00 8K	1610.-	1
3TS35		3TS91 35-00 8K	3085.-	1
3TS36		3TS91 36-00 8K	4240.-	1
3TS47		3TS91 47-00 8K	4540.-	1
3TS48		3TS91 48-00 8K	6630.-	1
3TS49		3TS91 49-00 8K	8880.-	1
3TS50		3TS91 50-00 8K	11875.-	1

For higher ratings please get in touch with your sales office

Coil voltage		Type	Unit LP ₹	Std. pkg. (nos.)
AC	DC			
Surge suppressor (varistor) for 3TS30-36				
24 - 48 V	24 - 70 V	■ 3TX7 402-3GY1	795.-	10
48 - 127V	70 - 150V	■ 3TX7 402-3HY1	795.-	10
127 - 240V	150 - 250V	■ 3TX7 402-3JY1	795.-	10
240 - 400V	—	3TX7 402-3KY1	1020.-	10
400 - 600V	—	3TX7 402-3LY1	1020.-	10
Surge suppressor (varistor) for 3TS47-50				
Less than 48V	24 - 70V	■ 3TX7 462-3GY1	1090.-	10
48 - 127V	70 - 150V	■ 3TX7 462-3HY1	1090.-	10
127 - 240V	150 - 250V	■ 3TX7 462-3JY1	1090.-	10
240 - 400V	—	3TX7 462-3KY1	1155.-	10
400 - 600V	—	3TX7 462-3LY1	1155.-	10
Surge suppressor (RC unit) for 3TS30-36				
24 - 48 V	24 - 70 V	3TX7 402-3RY2	1270.-	10
48 - 127V	70 - 150V	3TX7 402-3SY2		10
127 - 240V	150 - 250V	3TX7 402-3TY2		10
240 - 400V	—	3TX7 402-3UY2		10
400 - 600V	—	3TX7 402-3VY2		10

**Interlocking kit for two 3TS contactors
(inclusive of base plate and interlocking mechanism)**

Contactor type	Type	Unit LP ₹	Std. pkg. (kits)
3TS30 - 3TS36	■ 3TX4 091-1A*	880.-	10
3TS47 - 3TS48	■ 3TX7 466-1YA0	3115.-	2
3TS49 - 3TS50	■ 3TX7 486-1YA0	5075.-	2

* W/o base plate (not required)

AC coils (50 Hz) spare coils

For contactor	Type†	Unit LP ₹	Std. pkg. (nos.)
		For 110/230/415V 50Hz	
3TS30 - 3TS34	■ 3TY7 403-0A..	1085.-	1
3TS35 - 3TS36	■ 3TY7 443-0A..	1340.-	1
3TS47 - 3TS48	■ 3TY7 463-0A..	2325.-	1
3TS49 - 3TS50	■ 3TY7 483-0A..	4245.-	1

AC 50Hz coil code: 3TS30 to 3TS50

Coil voltage (V)	■ 110	■ 230	■ 415
Code	F0	P0	R0

Spare arc chamber

Contactor rating	Description	Type	Unit LP ₹	Std. pkg. (nos.)
3TS47	Spare arc chamber	3TS93 47-00 8K	1670.-	1
3TS48		3TS93 48-00 8K	2040.-	1
3TS49		3TS93 49-00 8K	2945.-	1
3TS50		3TS93 50-00 8K	3430.-	1

Individual mounting accessory

For relay type	Description	Type	Unit LP ₹	Std. pkg. (nos.)
3US50 00	Accessory for individual mounting	3US91 50-008K	670.-	1
3US52 00		3US91 52-008K	700.-	1
3US55 00		3US91 55-008K	840.-	1
3US56 00		3US91 56-008K	840.-	1
3US58 00		3US91 58-008K	885.-	1

For higher ratings please get in touch with your sales office



Thermal overload relay

Relay group	Recommended contactor	Current range	Type	Unit LP ₹	Std. pkg. (nos.)
3US50 00	3TS30 3TS31 3TS32	0.8 - 1.25	3US50 00-0K8K	2600.-	1
		1.0 - 1.6	3US50 00-1A8K	2600.-	1
		1.6 - 2.5	3US50 00-1C8K	2600.-	1
		2.5 - 4.0	3US50 00-1E8K	2600.-	1
		4.0 - 6.3	3US50 00-1G8K	2615.-	1
		6.3 - 10	3US50 00-1J8K	2665.-	1
		8 - 12.5	3US50 00-1K8K	2665.-	1
		10 - 16	3US50 00-2S8K	2695.-	1
		12.5 - 18	3US50 00-2B8K	2695.-	1
3US52 00	3TS33 3TS34	12.5 - 20	3US52 00-2B8K	2995.-	1
		16 - 25	3US52 00-2C8K	2995.-	1
3US55 00		25 - 32	3US55 00-2D8K	4575.-	1
3US56 00	3TS35 3TS36	20 - 32	3US56 00-2D8K	4710.-	1
		25 - 36	3US56 00-2Q8K	4710.-	1
		32 - 40	3US56 00-2R8K	4925.-	1
		36 - 45	3US56 00-8M8K	4925.-	1
3US58 00	3TS47 3TS48 3TS49 3TS50	40 - 57	3US58 00-2T8K	6335.-	1
		50 - 63	3US58 00-2P8K	7920.-	1
		57 - 70	3US58 00-2V8K	7920.-	1
		63 - 80	3US58 00-2U8K	7920.-	1
		70 - 95	3US58 00-8Y8K	7920.-	1
		85 - 105	3US58 00-5C8K	8410.-	1

Accessories for birelays

Description	For relay type	Type	Unit LP ₹	Std. pkg. (nos.)
Resetting plunger funnel	3US5	3UX10 11 3UX10 13	305.-	10 10
Reset cord + holder: 400 mm length 600 mm length	3US5	3UX10 15 3UX10 16	420.-	5 5
Protection cover	3US5	3UX11 10 1YA 3UX11 11 1YA	355.-	10 10

3TS Converter duty Contactors

Features

- Offers one of the highest AC-1 rating in given size
- Arc chamber interlock
- SIGUT Termination technique
- Compact Dimensions
- Screw mounting
- Double break parallel bridge auxiliary contacts

Applications

- VFD, Soft Starters applications
- UPS
- Solar and Wind inverters
- Resistive loads
- Battery charging
- Neutral switching



Contactor Size	Rated current Ie (A) AC1 at 415V	AC Coil		
		Type	Unit LP ₹	Std. pkg. (nos.)
3	100	3TS4822-0A..1-8K	12775.-	1
4	145	3TS5022-0A..1-8K	22255.-	1
6	200	3TS5122-0A..1-8K	29970.-	1
6	225	3TS5222-0A..1-8K	34765.-	1
8	275	3TS5322-0A..1-8K	49395.-	1
8	325	3TS5422-0A..1-8K	55840.-	1
10	400	3TS5522-0A..1-8K	63175.-	1
12	525	3TS5622-0A..1-8K	86485.-	1

* for 3TS48-3TF56

Code	AC Coil (50Hz)	
	F0	P0
Coil voltage (V)	110	230

3TS 2 Pole Contactors

Benefits:

- Ease of wiring (can avoid use of lugs)
- Operator Safety (contactor cannot be switched-on if arc chamber is not fitted properly)
- Flexible mounting
- Space saving
- Unmatched contact reliability (ensures reliable contact at low voltage & low currents)

Standards:

3TS contactors conform to IS 13947 and IEC 60947. They also carry CE mark.

Application:

- Single Phase Pumps
- HVAC
- ESP
- Lighting



Rated current (A) Ie AC3 upto 415V	Auxiliary contacts	Type [#]	Unit LP ₹	Std. pkg. (nos.)
9	1NO	3TS3010-0A..2-8K	1130.-	1
12	1NO	3TS3110-0A..2-8K	1255.-	1
18	1NO	3TS3210-0A..2-8K	1455.-	1
25	-	3TS3300-0A..2-8K	1805.-	1
32	-	3TS3400-0A..2-8K	3970.-	1
40	-	3TS3500-0A..2-8K	5670.-	1
50	-	3TS3600-0A..2-8K	7210.-	1
65	2NO+2NC	3TS4722-0A..2-8K	10835.-	1
75	2NO+2NC	3TS4822-0A..2-8K	12775.-	1
85	2NO+2NC	3TS4922-0A..2-8K	14875.-	1
105	2NO+2NC	3TS5022-0A..2-8K	19585.-	1
140	2NO+2NC	3TS5122-0A..2-8K	23805.-	1
160	2NO+2NC	3TS5222-0A..2-8K	32375.-	1
205	2NO+2NC	3TS5322-0A..2-8K	35670.-	1
250	2NO+2NC	3TS5422-0A..2-8K	40955.-	1
300	2NO+2NC	3TS5522-0A..2-8K	51680.-	1
400	2NO+2NC	3TS5622-0A..2-8K	66840.-	1

#Coil voltage (V AC 50Hz)	110 V AC	230 V AC	415V AC
Code	F0	P0	R0

Spares for 3TS Contactors

Convertor Duty

Main contact kits (set of 6 fixed & 3 moving contacts)

Contactor rating	Description	Type*	Unit LP ₹	Std. pkg. (nos.)
3TS48	Spare main contact kits	3TS9148-01-8K	6180.-	1
3TS50		3TS9150-01-8K	11025.-	1
3TS51		3TS9151-01-8K	14995.-	1
3TS52		3TS9152-01-8K	16770.-	1
3TS53		3TS9153-01-8K	23805.-	1
3TS54		3TS9154-01-8K	26460.-	1
3TS55		3TS9155-01-8K	29105.-	1
3TS56		3TS9156-01-8K	38815.-	1

Spare coils

	AC Coil*	Unit LP ₹
3TS48	3TY7463-0A..	2325.-
3TS50	3TY7483-0A..	4245.-
3TS51/52	3TY7503-0A..	4320.-
3TS53/54	3TY7523-0A..	5475.-
3TS55	3TY7543-0A..	6620.-
3TS56	3TY7563-0A..	9620.-



3TS 4 Pole Contactors for Power Applications

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Contactor Size	Rated current I _e (A) AC1 at 415V	AC Coil ¹⁾	Unit LP ₹		DC Coil ¹⁾	Unit LP ₹	
			Standard Coil	Electronic Coil		Standard Coil	Electronic Coil
Size 0	18A	3TS3100-0A..4-8K	1815.-		3TS3100-0B..4-8K	3585.-	
Size 0	25A	3TS3200-0A..4-8K	1915.-		3TS3200-0B..4-8K	4065.-	
Size 1	35A	3TS3300-0A..4-8K	2155.-		3TS3300-0B..4-8K	4635.-	
Size 1	40A	3TS3400-0A..4-8K	2840.-		3TS3400-0B..4-8K	6855.-	
Size 2	45A	3TS3500-0A..4-8K	3325.-	4080.-	3TS3500-0B..4-8K		7890.-
Size 2	50A	3TS3600-0A..4-8K	3690.-	4480.-	3TS3600-0B..4-8K		10005.-
Size 2	65A	3TS3700-0A..4-8K	7245.-	8055.-	3TS3700-0B..4-8K		14075.-
Size 2	65A*	3TS3700-0A..4-8KA0	8180.-	8980.-	3TS3700-0B..4-8KA0		16140.-

1) Please add coil voltage code from table below

* 50A AC-3 rating

Size 0 & 1	Standard Coil				
	AC (50 Hz)			DC	
Code	F7	M7	R7	B4	E4
Coil Voltages	87...127 V	175...240 V	337...427 V	24 V	52...55V DC

Size 2	Standard Coil			Electronic Coil 			
	AC (50 Hz)			AC (50 Hz)		DC	
Code	F0	P0	R0	F7	M7	B4	E4
Coil Voltages	110 V	230 V	415 V	81...136 V	137...273 V	24 V	52...55V DC

Accessories

Auxiliary Contact Block	Type	Unit LP ₹	Mechanical Interlock	Type	Unit LP ₹
1 NO	3TX40 10-2A	280.-	Size 0 and Size 1	3TX4091-1A	880.-
1 NC	3TX40 01-2A	280.-	S2	3TX4091-1A + 3TX4091-1G**	880.- 230.-

Surge Suppressor		Coil Voltage		Varistors		RC Element	
		AC	DC	Type	Unit LP ₹	Type	Unit LP ₹
Size 0, Size 1 and Size 2	Standard Coil	24 - 48 V	24 - 70 V	3TX7402-3GY1	795.-	3TX7402-3RY2	1270.-
		48 - 127V	70 - 150V	3TX7402-3HY1	795.-	3TX7402-3SY2	
		127 - 240V	150 - 250V	3TX7402-3JY1	795.-	3TX7402-3TY2	
		240 - 400V	-	3TX7402-3KY1	1020.-	3TX7402-3UY2	
Size 2	Electronic Coil	81-273V AC				3TX7402-3PY2	
			24-55V			3TX7402-3QY2	

**Used only when the contactors are DIN rail mounted. Refer catalog for more details

Main Contact Kits (set of 8 fixed and 4 moving contacts)

Contactor Size	Rated current Ie (A) AC1 at 415V	For Contactor	Type	Unit LP ₹
Size 1	35A	3TS3300	3TS9133-0E	1475.-
Size 1	40A	3TS3400	3TS9134-0E	2085.-
Size 2	45A	3TS3500	3TS9135-0E	3170.-
Size 2	50A	3TS3600	3TS9136-0E	3735.-
Size 2	65A	3TS3700	3TS9137-0E	3740.-
Size 2	65A*	3TS3700	3TS9137-0A	5415.-

* 50A AC-3 rating

Spare Coils

Contactor Size	Type ²⁾	Unit LP ₹	Type ²⁾	Unit LP ₹
	AC		DC	
Size 0	3TS9231-0A..4-8K	1125.-	3TS9231-0B..4-8K	1540.-
Size 1	3TS9233-0A..4-8K	1210.-	3TS9233-0B..4-8K	1610.-
Size 2	3TS9235-0A..4-8K (Standard)	1340.-		
Size 2	3TS9235-0A..4-8K (Electronic)	1945.-	3TS9235-0B..4-8K (Electronic)	2305.-

2) Please add voltage code from table in page no 48



3TS Single Pole LED Contactors

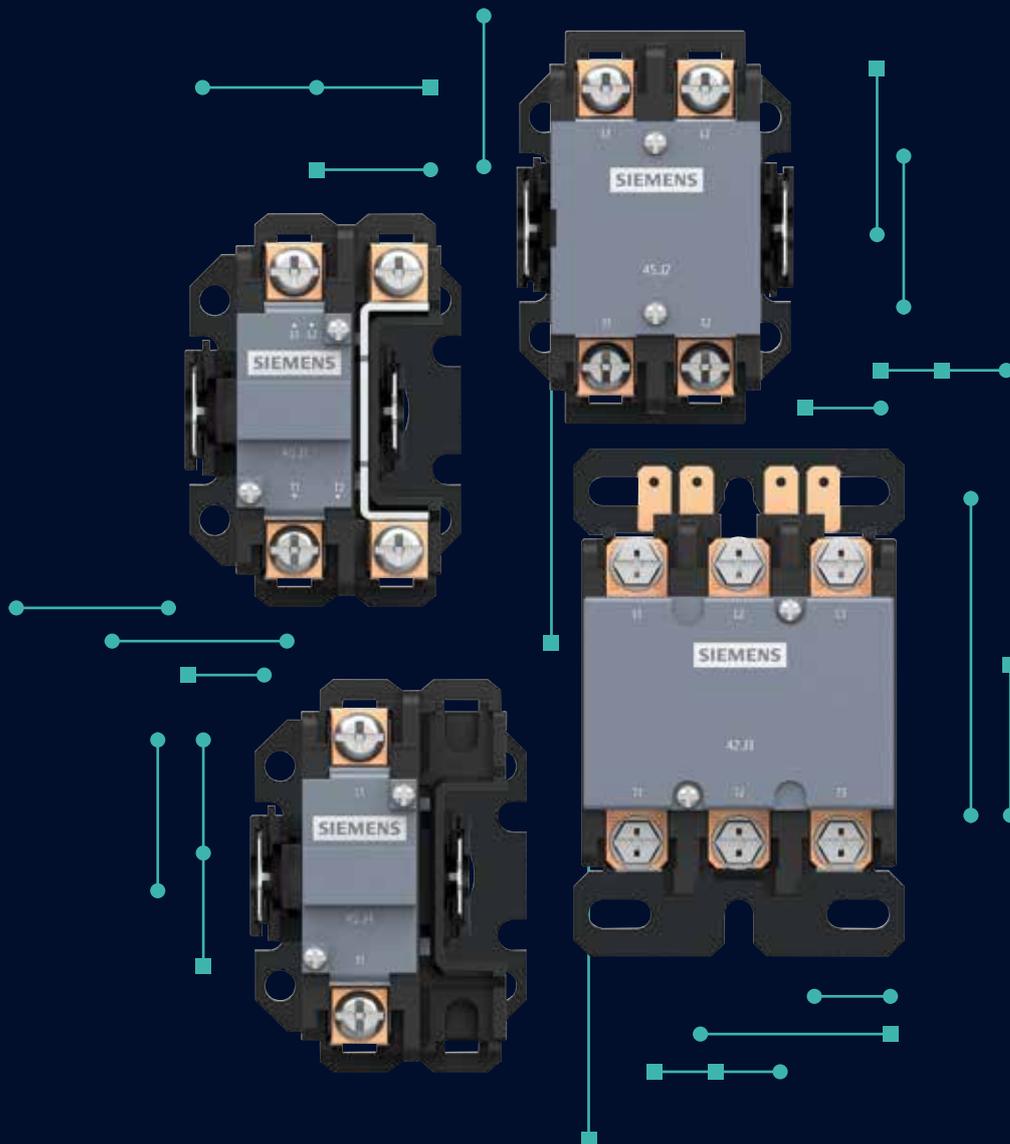
Siemens 3TS LED Contactors been designed keeping in mind the challenges in LED lamp switching applications and thus offers a highly reliable & safe solution to the customer

Available in
4000W - 3TS3210-0AM71-8K
8000W - 3TS3310-0AM71-8K

Price on request



Definite Purpose Contactors 45.J & 42.J



Definite Purpose Contactors – 42.J & 45.J

Ordering data	AC 8a rating	Pan screw	Hex screw quad quick connect	Unit MRP ₹	Std pkg (nos)
1 Pole with shunt	25A ■	45CJ10A_B	45CJ10A_C	1235.-	1
	30A ■	45DJ10A_B	45DJ10A_C	1275.-	1
	40A	45EJ10A_B	45EJ10A_C	1320.-	1
1 Pole without shunt	25A ■	45CJ40A_B	45CJ40A_C	1170.-	1
	30A ■	45DJ40A_B	45DJ40A_C	1205.-	1
	40A	45EJ40A_B	45EJ40A_C	1250.-	1



Ordering data	AC 8a rating	Box with lug dual quick connect	Hex screw dual quick connect	Unit MRP ₹	Std pkg (nos)
2 Pole	20A ■	45BJ20A_D	45BJ20A_E	1480.-	1
	30A ■	45DJ20A_D	45DJ20A_E	1495.-	1
	40A ■	45EJ20A_D	45EJ20A_E	1540.-	1



Ordering data	AC 8a rating	Box with lug dual quick connect	Hex screw dual quick connect	Unit MRP ₹	Std pkg (nos)
3 Pole	20A	42BJ35A_D	42BJ35A_E	1905.-	1
	25A	42CJ35A_D	42CJ35A_E	1935.-	1
	30A	42DJ35A_D	42DJ35A_E	1955.-	1
	40A ■	42EJ35A_D	42EJ35A_E	1995.-	1
3 Pole with inbuilt 1NO+1NC aux contacts	20A	42BJ36A_D	42BJ36A_E	2360.-	1
	25A	42CJ36A_D	42CJ36A_E	2385.-	1
	30A	42DJ36A_D	42DJ36A_E	2400.-	1
	40A ■	42EJ36A_D	42EJ36A_E	2450.-	1



Please add coil code from table below

Spare coil for contactor	Type ref	Unit MRP ₹	Std pkg (nos)
1 Pole contactor	75J19A_	360.-	1
2 Pole contactor	75J29A_	435.-	1
3 Pole contactor	75J39A_	490.-	1

Please add coil code from table below

Coil Code	J	F	G	L	H	E	P
Voltage	24V AC, 50/60 Hz	120V AC, 60 Hz	240V AC, 50/60 Hz	277V AC, 60 Hz	480V AC, 60 Hz	145-180V AC, 50 Hz (available only for 1P & 2P versions)	170-240V AC, 50 Hz available for 1P & 2P

■ Standard material

SIEMENS



Continuing the Legacy...

3VS Motor Protection Circuit Breakers

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MPCBs for motor protection



Overload release range A	Type (w/o aux. contact)	Unit LP ₹	Type (with 1NO+1NC)	Unit LP ₹	Std. pkg. (nos)
0.1 - 0.16	3VS1300-0MB00	4905.-	3VS1300-1MB00	5880.-	1
0.16 - 0.24	3VS1300-0MC00		3VS1300-1MC00		1
0.24 - 0.4	3VS1300-0MD00	5710.-	3VS1300-1MD00	5940.-	1
0.4 - 0.6	3VS1300-0ME00		3VS1300-1ME00		1
0.6 - 1	3VS1300-0MF00	5755.-	3VS1300-1MF00	6945.-	1
1 - 1.6	3VS1300-0MG00		3VS1300-1MG00		1
1.6 - 2.4	3VS1300-0MH00	6020.-	3VS1300-1MH00	7015.-	1
2 - 3.2	3VS1300-0NH00		3VS1300-1NH00		1
2.4 - 4	3VS1300-0MJ00	6020.-	3VS1300-1MJ00	7075.-	1
3.2 - 5	3VS1300-0NJ00		3VS1300-1NJ00		1
4 - 6	3VS1300-0MK00	6080.-	3VS1300-1MK00	7145.-	1
5 - 8	3VS1300-0NK00		3VS1300-1NK00		1
6 - 10	3VS1300-0ML00	6080.-	3VS1300-1ML00	7145.-	1
8 - 13	3VS1300-0NL00	6985.-	3VS1300-1NL00	7845.-	1
10 - 16	3VS1300-0MM00	7315.-	3VS1300-1MM00	8210.-	1
14 - 20	3VS1300-0MN00	7455.-	3VS1300-1MN00	8365.-	1
18 - 25	3VS1300-0MP00	8315.-	3VS1300-1MP00	8925.-	1

Accessories for 3VS

Description	Version	Type	Unit LP ₹	Std. pkg. (nos.)
Add-on aux. block	1 NO + 1 NC	■ 3VU9131-3AA00	1430.-	1
Short-circuit signaling switch	1 NO + 1 NC	■ 3VU9131-7AA00	1650.-	1
Undervoltage release	230 V, 50 Hz	3VU9132-0AB15	3915.-	1
Shunt trip	230 V, 50 Hz 24 V, 50 Hz DC 110-240 V	3VU9132-0AB55	3875.-	1
		3VU9132-0AB50	3915.-	1
		3VU9132-0AB73	3915.-	1
Toggle padlocking device	Locking in Off pos	3VU9168-0KA00	1055.-	1



3TS-3VS Connector

MPCB		Contactor		Type of Connector	Unit LP ₹	Std. pkg. (nos.)
Type	Current	Type Rating	AC3 Current Rating			
3VS13	0.16 to 20A	3TS30 / 31 / 32	9 / 12 A	3TS9001-8K	465.-	1
3VS13	6 to 25A	3TS33 / 34	16 / 22A	3TS9002-8K	555.-	1

Description	Version	Type	Unit LP ₹	Std. pkg. (nos.)
Three-phase busbar for 3VS13 only	In feed terminal (63 A)	3VU9135-1BB01	1960.-	1
	busbars for 2 MPCBs	3VU9135-1AB02	1570.-	1
	busbars for 3 MPCBs	3VU9135-1AB03	1895.-	1
	busbars for 4 MPCBs	3VU9135-1AB04	2435.-	1
	busbars for 5 MPCBs	3VU9135-1AB05	2740.-	1
Door operating mechanism with door interlock, defeat facility, pad locking facility, extension shaft 300mm	Breaker operating kit & front drive (fixed coupler) for 3VS13 for 3VS16	■ 3VU9133-Z®	2875.-	1
		■ 3VU9163-Z®	3180.-	1
Front drive for 3VS	Fixed coupler	■ 8UC616 [†]	1265.-	1

@ 1 set available with breaker operator kit and 8UC front drive together

MRP



■ Stock items

Please order in multiples of standard packing.

Timing and Monitoring Relays



Features and Benefits

- Two sizes for the entire range 17.5mm & 35mm width
- The entire range is suitable for DIN rail mounting
- Variant with digital display
- Auto / Manual reset



for more info scan QR code



Relay	MLFB	Neutral loss protection	Phase failure protection	Imbalance protection	Phase reversal protection	Under voltage protection	Over voltage protection	Under freq protection	Over freq protection	Other parameters
Line monitoring relay	7UG0 712		✓	✓	✓					
	7UG0 814	✓	✓	✓	✓	✓	✓	✓	✓	
	7UG0 818		✓	✓	✓	✓	✓	✓	✓	
Voltage Monitoring relay	7UG0 753		✓		✓	✓	✓			
Current Monitoring relay	7UG0 82		✓	✓						Under-current and over-current protection
	7UG0 83		✓	✓						Under-current and over-current protection
Earth leakage relay	7UG0 84									Earth leakage protection
Earth fault monitoring relay	7UG0 86									Earth fault protection
Temperature controller (TC)	7UG0 48									Monitors temperature, input sensor TC/RTD
Water level controller relay	7UG08 85									Monitors and controls liquid level (conductive)
Thermistor protection relay	7UG08 81									Sensor input: Positive coefficient thermistor (PTC)

7UG0 monitoring relays

Description		Type	Unit LP ₹	Std. pkg. (nos.)
Line monitoring relay	Self powered 3Ph-3W	7UG0712-1AA20	1825.-	1
	Self powered 1Ph-2W, 3Ph-3W, 3Ph-4W	7UG0814-1CA20	4275.-	1
	Self powered 3Ph-3W, 3Ph-4W	7UG0818-1CA20	3920.-	1
Voltage Monitoring relay	Self powered 3Ph-3W	7UG0753-1AA20	3115.-	1
Current Monitoring relay	230 V AC 1Ph-2W	7UG0822-1AD20	4825.-	1
	110 V AC 1Ph-2W, 3Ph-3W, 3Ph-4W	7UG0831-1AB20	6160.-	1
	230 V AC 1Ph-2W, 3Ph-3W, 3Ph-4W	7UG0832-1AD20	5865.-	1
Earth leakage relay	110 V AC 1Ph-2W, 3Ph-3W, 3Ph-4W	7UG0841-1CB20	6500.-	1
	230 V AC 1Ph-2W, 3Ph-3W, 3Ph-4W	7UG0842-1CD20	6570.-	1
CBCT for ELR	35mm	7UG09-96	2365.-	1
	70mm	7UG09-97	2705.-	1
	120mm	7UG09-99	4605.-	1
	210mm	7UG0 994*	8855.-	1
	310mm	7UG0 995*	13200.-	1
Earth Fault monitoring relay	1 Ph-2W, 3Ph-3W, 3Ph-4W	7UG0861-1BU20	6720.-	1
CBCT for EFR: 160 frame	Core Balance CT 160 frame, 3P	7UG09910	2320.-	1
	Core Balance CT 160 frame, 4P	7UG09911	2645.-	1
CBCT for EFR: 250 frame	Core Balance CT 250 frame, 3P	7UG09912	2800.-	1
	Core Balance CT 250 frame, 4P	7UG09913	3300.-	1
CBCT for EFR: 630 frame	Core Balance CT 630 frame, 3P	7UG09914	4125.-	1
	Core Balance CT 630 frame, 4P	7UG09915	4470.-	1
Automatic Power factor correction relay (APFC relay)	8 Stage with LCD display	7UG0571-1FT20	25735.-	1
	12 Stage with LCD display	7UG0572-1GT20	27570.-	1
	12 stage with LED display	7UG0572-1GT21	15765.-	1
Temperature controlling relay	PID/ON-OFF Control suitable for PTC/RTD inputs CO + SSR output	7UG0 480-1IU20	4930.-	1
Water level controller relay	110-240V AC/DC Single tank (suction or filling) or dual tank (suction and filling) monitoring	7UG0885-1JU20	2550.-	1
Sensor for water level controller relay	Pack of 3 sensor	7UG0985-0YY00	765.-	1
Thermistor protection relay	110-240V AC/DC	7UG0881-1BU20	2970.-	1

7PV0 timers

Description		Type	Unit LP ₹	Std. pkg. (nos.)
ON delay timer	230V AC	7PV0712-1AD20	1805.-	1
Multifunction timer with digital display	20-240V AC/DC	7PV0732-1AV20	3540.-	1
Multifunction timer - analog	20-240V AC / 12--240V DC	7PV0723-1AZ20	2365.-	1

Note: * Non RoHS and CE

SINOVA THE POWER OF SIMPLICITY

NEW

5TJ Miniature Circuit Breakers

IEC

Safe
Complies with
IEC standards



Comprehensive
range
For various
applications



Reliable
Siemens trusted
quality



RoHS
compliance
Environmentally
friendly



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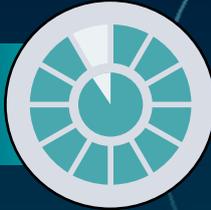
Betagard 5SL MCBs – Inspiring Safety

Terminal covers for protection



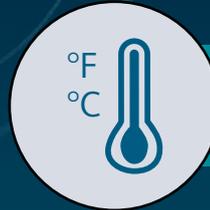
High Breaking capacity (Icn)

High Endurance Cycle



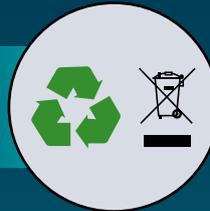
Very low watt loss

Ergonomic Handle for Identification



High ambient temperature

RoHS Compliant



With SLR

Unique SLR (Slide Latch-Release) feature for tool free removal from DIN rail allows individual MCB to be removed from bus bar mounted assembly without disturbing other devices

BIS approval for ISI marking as per latest IS/IEC 60898-1:2015 for assured quality and protection



Unique termination mechanism enables firm mounting of Bus bar together with wire; and provides front access to wires for safe installation

Betagard Miniature Circuit Breakers 5SL6, with C Characteristics



- Standards: IS/IEC 60898-1:2015
- Voltage: Un 240/415V, 50...60Hz^
- With ISI marking: CM/L No. 2255548

7500A	Rated Current I_n (A)	MW#	Reference No	Unit MRP* ₹	Std. Pkg.** (Nos.)		
1P, 240/415V AC 	0.5	1	5SL61057RC	539.-	1/12		
	1		■ 5SL61017RC	539.-	1/12		
	2		5SL61027RC	539.-	1/12		
	3		5SL61037RC	539.-	1/12		
	4		■ 5SL61047RC	539.-	1/12		
	6		■ 5SL61067RC	334.-	1/12		
	8		5SL61087RC	334.-	1/12		
	10		■ 5SL61107RC	334.-	1/12		
	13		5SL61137RC	334.-	1/12		
	16		■ 5SL61167RC	334.-	1/12		
	20		■ 5SL61207RC	334.-	1/12		
	25		5SL61257RC	334.-	1/12		
	32		5SL61327RC	334.-	1/12		
	40		5SL61407RC	735.-	1/12		
	50		5SL61507RC	846.-	1/12		
	63		5SL61637RC	846.-	1/12		
2P, 415V AC 	0.5	2	5SL62057RC	1523.-	1/6		
	1		5SL62017RC	1523.-	1/6		
	2		5SL62027RC	1523.-	1/6		
	3		5SL62037RC	1523.-	1/6		
	4		5SL62047RC	1523.-	1/6		
	6		■ 5SL62067RC	1140.-	1/6		
	8		5SL62087RC	1140.-	1/6		
	10		■ 5SL62107RC	1140.-	1/6		
	13		5SL62137RC	1140.-	1/6		
	16		5SL62167RC	1140.-	1/6		
	20		■ 5SL62207RC	1140.-	1/6		
	25		5SL62257RC	1140.-	1/6		
	32		5SL62327RC	1140.-	1/6		
	40		5SL62407RC	1600.-	1/6		
	50		5SL62507RC	1878.-	1/6		
	63		5SL62637RC	1878.-	1/6		
3P, 415V AC 	0.5	3	5SL63057RC	2138.-	1/4		
	1		5SL63017RC	2138.-	1/4		
	2		5SL63027RC	2138.-	1/4		
	4		5SL63047RC	2138.-	1/4		
	6		■ 5SL63067RC	1712.-	1/4		
	10		■ 5SL63107RC	1712.-	1/4		
	16		■ 5SL63167RC	1712.-	1/4		
	20		5SL63207RC	1712.-	1/4		
	25		5SL63257RC	1712.-	1/4		
	32		■ 5SL63327RC	1712.-	1/4		
	40		■ 5SL63407RC	2396.-	1/4		
	50		5SL63507RC	2676.-	1/4		
	63		■ 5SL63637RC	2676.-	1/4		
	4P, 415V AC 		0.5	4	5SL64057RC	2952.-	1/3
			1		5SL64017RC	2952.-	1/3
			2		5SL64027RC	2952.-	1/3
4		5SL64047RC	2952.-		1/3		
6		5SL64067RC	2367.-		1/3		
10		5SL64107RC	2367.-		1/3		
16		5SL64167RC	2367.-		1/3		
20		5SL64207RC	2367.-		1/3		
25		5SL64257RC	2367.-		1/3		
32		5SL64327RC	2367.-		1/3		
40		■ 5SL64407RC	3059.-		1/3		
50		5SL64507RC	3541.-		1/3		
63		■ 5SL64637RC	3541.-		1/3		

■ Stock items

Note:

* MRP - Maximum Retail Price

1MW (Module Width) = 18mm

** Purchase MOQ for our authorised dealers is in multiples of standard packing, contact Siemens Sales Office for further details

^ Suitable for DC networks in Telecom application; 60V DC for 1P & 110V DC for 2P (contact sales office for connection diagram)

Betagard Miniature Circuit Breakers 5SL4, with C characteristics



- Standards: IS/IEC 60898-1:2015
- Voltage: Un 240/415V, 50...60Hz^
- Breaking capacity: 10kA as per IS/IEC 60898-1
- With ISI marking: CM/L No. 2255548

10000A	Rated Current I_n (A)	MW#	Reference No	Unit MRP* ₹	Std. Pkg.** (Nos.)
1P, 240/415V AC 	0.5	1	5SL41057RC	620.-	1/12
	2		■ 5SL41027RC	620.-	1/12
	3		5SL41037RC	620.-	1/12
	4		5SL41047RC	620.-	1/12
	6		■ 5SL41067RC	401.-	1/12
	8		5SL41087RC	401.-	1/12
	10		■ 5SL41107RC	401.-	1/12
	13		5SL41137RC	401.-	1/12
	16		■ 5SL41167RC	401.-	1/12
	20		■ 5SL41207RC	401.-	1/12
	25		5SL41257RC	401.-	1/12
	32		■ 5SL41327RC	401.-	1/12
	40		5SL41407RC	874.-	1/12
	50		5SL41507RC	900.-	1/12
63	5SL41637RC	900.-	1/12		
2P, 415V AC 	0.5	2	5SL42057RC	1755.-	1/6
	2		■ 5SL42027RC	1755.-	1/6
	3		5SL42037RC	1755.-	1/6
	4		■ 5SL42047RC	1755.-	1/6
	6		■ 5SL42067RC	1258.-	1/6
	8		5SL42087RC	1258.-	1/6
	10		■ 5SL42107RC	1258.-	1/6
	13		5SL42137RC	1258.-	1/6
	16		■ 5SL42167RC	1258.-	1/6
	20		■ 5SL42207RC	1258.-	1/6
	25		5SL42257RC	1258.-	1/6
	32		5SL42327RC	1258.-	1/6
	40		5SL42407RC	2029.-	1/6
	50		5SL42507RC	2029.-	1/6
63	5SL42637RC	2029.-	1/6		
3P, 415V AC 	0.5	3	5SL43057RC	2836.-	1/4
	2		5SL43027RC	2836.-	1/4
	3		5SL43037RC	2836.-	1/4
	4		5SL43047RC	2836.-	1/4
	6		■ 5SL43067RC	2113.-	1/4
	8		5SL43087RC	2113.-	1/4
	10		■ 5SL43107RC	2113.-	1/4
	13		5SL43137RC	2113.-	1/4
	16		■ 5SL43167RC	2113.-	1/4
	20		■ 5SL43207RC	2113.-	1/4
	25		5SL43257RC	2113.-	1/4
	32		■ 5SL43327RC	2113.-	1/4
	40		5SL43407RC	3197.-	1/4
	50		5SL43507RC	3197.-	1/4
63	■ 5SL43637RC	3197.-	1/4		
4P, 415V AC 	0.5	4	5SL44057RC	3564.-	1/3
	2		5SL44027RC	3564.-	1/3
	3		5SL44037RC	3564.-	1/3
	4		5SL44047RC	3564.-	1/3
	6		5SL44067RC	2925.-	1/3
	8		5SL44087RC	2925.-	1/3
	10		5SL44107RC	2925.-	1/3
	13		5SL44137RC	2925.-	1/3
	16		5SL44167RC	2925.-	1/3
	20		5SL44207RC	2925.-	1/3
	25		5SL44257RC	2925.-	1/3
	32		■ 5SL44327RC	2925.-	1/3
	40		5SL44407RC	3990.-	1/3
	50		5SL44507RC	3990.-	1/3
63	■ 5SL44637RC	3990.-	1/3		

■ Stock items

Note: * MRP - Maximum Retail Price # 1MW (Module Width) = 18mm

** Purchase MOQ for our authorised dealers is in multiples of standard packing, contact Siemens Sales Office for further details

^ Suitable for DC networks in Telecom application; 60V DC for 1P & 110V DC for 2P (contact sales office for connection diagram)

Miniature Circuit Breakers

Betagard Residual Current Circuit Breakers 5SV



- Standards: IS 12640 (Part 1):2016/ IEC 61008-1:2012
- Voltage: 240/415VAC, 50Hz
- With ISI marking: CM/L No. 7676092

Type AC, applicable in networks for AC residual currents

		Rated residual current $I_{\Delta n}$ (mA)	Rated Current I_n (A)	MW#	Reference No	Unit MRP* ₹	Std. Pkg.** (Nos.)
	2 Pole	30	25	2	■ 5SV43120RC	4525.-	1
		100	25		5SV44120RC	4725.-	1
		300	25		5SV46120RC	4885.-	1
		30	40		■ 5SV43140RC	5305.-	1
		100	40		5SV44140RC	5540.-	1
		300	40		5SV46140RC	5750.-	1
		30	63		■ 5SV43160RC	7095.-	1
		100	63		5SV44160RC	7145.-	1
		300	63		5SV46160RC	7595.-	1
		30	80		5SV43170RC	10965.-	1
		100	80		5SV44170RC	11405.-	1
		300	80		5SV46170RC	11405.-	1
			4 Pole		30	25	4
100	25			5SV44420RC	6285.-	1	
300	25			5SV46420RC	6515.-	1	
30	40			■ 5SV43440RC	6130.-	1	
100	40			5SV44440RC	6370.-	1	
300	40			5SV46440RC	6615.-	1	
30	63			■ 5SV43460RC	7145.-	1	
100	63			5SV44460RC	7430.-	1	
300	63			5SV46460RC	7695.-	1	
30	80			5SV43470RC	10965.-	1	
100	80			5SV44470RC	11405.-	1	
300	80			5SV46470RC	11405.-	1	

Residual Current Devices

Betagard Isolators 5TL1

- Standard: IS/IEC 60947-3
- Voltage: 440V AC

		Rated Current I_n (A)	MW#	Reference No	Unit MRP* ₹	Std. Pkg.** (Nos.)
	2-pole	40	2	5TL12400	955.-	1/1
		63		5TL12630	1255.-	1/1
		80		5TL12800	1645.-	1/1
		100		5TL12910	2090.-	1/1
		125		5TL12920	2180.-	1/1
				3-pole	40	3
63	5TL13630		1990.-		1/1	
80	5TL13800		2405.-		1/1	
100	5TL13910		2530.-		1/1	
125	5TL13920		2730.-		1/1	
	4-pole		40		4	
		63	5TL14630	2370.-		1/1
		80	5TL14800	2850.-		1/1
		100	5TL14910	3425.-		1/1
		125	5TL14920	3710.-		1/1

■ Stock items

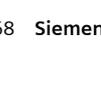
Note:

* MRP - Maximum Retail Price # 1MW (Module Width) = 18mm

** Purchase MOQ for our authorised dealers is in multiples of standard packing, contact Siemens Sales Office for further details

Betagard Accessories

Accessories for 5SL / 5SY / 5SP MCBs, 5TL isolators, 5SV/5SM RCCBs and 5SU1 RCBOs

	Item Description	Reference No	Unit MRP* ₹	Std. Pkg.** (Nos.)
	Aux contact block (For 5SL/5SY/5SP4/5TL/5SV/5SU1)			
	1NO+1NC	5ST3010	1685.-	12
	2NO	5ST3011	1720.-	1
	2NC	5ST3012	1720.-	1
	1CO	5ST3016	2725.-	1
	Fault signal contact (For 5SL/5SY/5SP4/5SV/5SU1)			
	1NO+1NC	5ST3020	2475.-	1
	2NO	5ST3021	2520.-	1
	2NC	5ST3022	2520.-	1
	Shunt release (For 5SL5/5SL7/5SY/5SP4/5SV/5SU1)			
	110...415V AC	5ST3030	6950.-	1/5
	24...48V DC	5ST3031	6950.-	1/5
	Auxiliary and fault signal changeover contact (For 5SL/5SY/5SP4/5TL/5SV/5SU1)	5ST3062	8020.-	1
	Auxiliary switch - 1CO Fault contact - 1CO			
	Undervoltage release (For 5SL5/5SL7/5SY/5SP4/5SV/5SU1)			
	With integrated aux. switch			
	230V AC	5ST3040	9330.-	1/5
	110V DC	5ST3041	9330.-	1/5
	24V DC	5ST3042	9330.-	1/5
	Without integrated aux. switch			
230V AC	5ST3043	9330.-	1/5	
	110V DC	5ST3044	9330.-	1/5
	24V DC	5ST3045	9330.-	1/5
	Remote control mechanism unit			
	Basic version for 5SL,5SY,5TL1 and 5SU1 (1P+N only) (12-30)VAC & (12-48)VDC, 1.5MW 230VAC, 2MW	5ST3053 5ST3054	41625.- 41625.-	1 1
	Power version for 5SL,5SY,5TL1 and 5SU1 (12-30)VAC & (12-48)VDC, 2MW 230VAC, 2MW	5ST3055 5ST3056	70440.- 70440.-	1 1
	Adapter for Remote control mechanism (To be ordered along with 5ST305X basic unit) For 5SL - 1P & 2P, 5SV - 4P	5ST38206	880.-	1
For 5SL - 3P & 4P	5ST38207	880.-	1	
For 5SY - 1P & 2P and For 5SU1^ - 2P, 4M	5ST38201	880.-	1	
For 5SY - 3P & 4P and For 5SU1^ - 4P, 7M	5ST38202	880.-	1	
For 5SU1 - 2P, 2M	5ST38205	880.-	1	
^ Add-on block for 5SU1 to be ordered along with Adapter	5ST38203	1915.-	1	
	Handle locking device			
	for 5SP and 5SY circuit breakers for padlock with max. 3mm shackle	5ST3801	865.-	1
	for 5SL circuit breakers, 5TL1 isolators and 5SV residual current circuit breakers for padlock with max. 3 to 6 mm shackle	5ST3806	820.-	5
	Pad locks for 5ST3801 and 5ST3806 handle locking devices	5ST3802	555.-	5
	Handle connector for 2P, 2M 5SU1 RCBO ⁵ (1set = 5 units in poly bag)	5ST38051	1725.-	1

Betagard Rotary Handle Assembly

	Item Description	Reference No.	Unit MRP* ₹	Std. Pkg.** (Nos.)
	Rotary Handle Assembly for 5SY, 5SL, 5SP and 5TL1 series of MCBs/ Isolators ⁵⁵	5ST38140RC	3095.-	1

Note: * MRP - Maximum Retail Price # 1MW (Module Width) = 18mm

\$ For 2P, 2M RCBOs, the accessories can be used along with Handle connector only

\$\$ Not suitable for 1P variants

** Purchase MOQ for our authorised dealers is in multiples of standard packing, contact Siemens Sales Office for further details



5SD Surge Protection Devices

Safe & Reliable

Surge Protection Devices are available in the following types:

Type 1 - For incoming power supply panels, in buildings with lightning protection system. Must be accompanied by downstream SPD

Type 2 - For distribution panels located downstream of Type 1 protectors or in incoming supply panels in areas of low exposure to lightning strikes, where the building is not fitted with lightning protection system

Type 3 - Always installed downstream of Type 2 protection designed to protect sensitive equipment or equipment located more than 20m downstream of Type 2 SPD

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Surge Protection Devices

For protection of equipment against Lightning and Switching surges

- Standard: IEC 61643-11 / EN 61643-11
- Type 1, Type 2 and Photovoltaic surge protection
- With Remote signaling contact
- Integrated SPD health indicator

Type 1: Lightning Surge Arresters

- Maximum continuous operating voltage U_c : 350V



Reference No.	Rated voltage	Pole	Module width	Total I_{imp} (10/350 μ s)	I_{max} (8/20 μ s)	Remote status	Unit LP* ₹
5SD74121RC	240V AC	1P+N	4	50kA	50kA	Yes	24970.-
5SD74141RC	240/415V AC	3P+N	8	100kA	50kA	Yes	48600.-

Type 2: Surge Arresters



Reference No.	Rated voltage	Pole	Module width	U_c	I_{max} (8/20 μ s)	Remote status	Unit LP* ₹
5SD74610RC	240V AC	1P	1	335V AC	20kA	No	4080.-
5SD74640RC	240/415V AC	3P+N	4	335V AC	40kA	No	12135.-

Surge Arresters for Photovoltaic application

On the DC side, over voltage protection is required for the inverters which can be ensured by using 5SD74836RC.

On the AC side, the over voltage protection can be ensured using surge arresters Type 2 (5SD7461-0RC/5SD7464-0RC)



Reference No.	Rated voltage	Pole	Module width	U_{cpv}	I_{max} (8/20 μ s)	Remote status	Unit LP* ₹
5SD74836RC	1170V DC	L+ and L-	3	1170V DC	40kA	No	6895.-

Note: Standard packing: 1 unit

*LP: List Price



Surge Protection Devices

For protection of equipment against Lightning and Switching surges

Type 1: Lightning Surge Arresters

For TN-S/ TT system

Lightning arresters, Type 1 requirement class B, U_c 350V Pluggable protective modules 4-pole, 3+1 circuit for TN-S and TT systems with remote display



5SD74121



5SD74141

Rated voltage U_N	Backup fuse rating	Protection level	Lightening impulse current $I_{mp}(10/350\mu s)$		Pole	Reference No.	Unit LP* ₹
			L-N or L-(PE), 1P/3P	N-PE			
240V AC	125A gL/gG	1.5-2.5kV	25kA	100kA	1P+N	5SD74121	POR
240/415V AC	125A gL/gG	1.5-2.5kV	25kA/75kA	100kA	3P+N	5SD74141	

For TN-C system

Lightning arresters, Type 1 requirement class B, U_c 350V Pluggable protective modules 3-pole, 3+0 circuit for TNC systems with remote display



5SD74131

Rated voltage U_N	Backup fuse rating	Protection level	Lightening impulse current $I_{mp}(10/350\mu s)$		Pole	Reference No.	Unit LP* ₹
			L-N or L-(PE), 1P/3P	N-PE			
240/415V AC	125A gL/gG	$\leq 1.5kV$	25kA/75kA	-	3P	5SD74131	119285.-

Type 2: Surge Arresters

For TN-S/ TT system

Surge arrester Type 2 requirement class C, U_c :350V/260V (L-N/N-PE) Pluggable protective modules 4-pole, 3+1 circuit for TN-S and TT AC systems

Rated Discharge Surge Current $I_n=20kA$ SC capacity with backup fuse=25kA



5SD74641



5SD7422-0

Rated voltage U_N	Backup fuse rating	Protection level U_p	Rated discharge current I_n (8/20usec)		Pole	Remote signaling	Reference No.	Unit LP* ₹
			L-N or L-(PE), 1P/3P	N-PE				
240/415V	80A gL/gG	1.5-1.9kV	40kA	40kA	3P+N	No	5SD74640	POR
240/415V	80A gL/gG	1.5-1.9kV	40kA	40kA	3P+N	Yes	5SD74641	
240V	80A gL/gG	1.5-1.9kV	20kA	20kA	1P+N	No	5SD74220	
240V	80A gL/gG	1.5-1.9kV	20kA	20kA	1P+N	Yes	5SD74221	

For TN-C system

Surge arrester Type 2 requirement class C, U_c :350V Pluggable protective modules 3-pole, 3+0 circuit for TNC systems



5SD7463-0

Rated voltage U_N	Backup fuse rating	Protection level U_p	Maximum discharge surge current I_{max} L-N or L-(PE)N, 1P	Pole	Remote signaling	Reference No.	Unit LP* ₹
240/415V	80A gL/gG	$\leq 1.5kV$	40kA	3P	No	5SD74630	40420.-
240/415V	80A gL/gG	$\leq 1.5kV$	40kA	3P	Yes	5SD74631	42270.-

L - Line, N - Neutral, PE - Protective Earth

Note: Standard packing: 1unit

* LP : List Price

POR: Price On Request

Surge Protection Devices

For protection of equipment against Lightning and Switching surges

Type 3: Surge Arresters



Rated voltage	Rated current	Protection level	Rated discharge current	Pole	Reference No.	Unit LP* ₹
24V AC 34V DC	26A	0.65kV	1kA	2P	5SD74325	19160.-
120V AC 150V DC	26A	0.95kV	3kA	2P	5SD74326	20875.-
240V AC 240V DC	26A	1.5kV	3kA	2P	5SD74327	21435.-

Surge arresters for photovoltaic application

Due to the combination of three power varistors, the overvoltage protection required for the inverters is implemented on the DC side. On the AC side, the overvoltage protection can be ensured using surge arresters type 2 (5SD7422-/5SD7424-)



5SD74836

Rated voltage U_N	Rated discharge current	Protection level U_p	Lightning Impulse current (L-N/L-(PE)N)	Max. discharge current	Pole	Remote signaling	Reference No.	Unit LP* ₹
1000V DC	15kA	$\leq 3.5kV$	$\leq 5kA$	40kA	3P	No	5SD74836	39740.-

Replacement Plug



SPD Type	Type	Connection	Reference No.	Unit LP* ₹
5SD74121	Type 1	L-N	5SD74181	33630.-
5SD74131				
5SD74141				
5SD74121		N-PE	5SD74180	35250.-
5SD74131				
5SD74141				
5SD7463-0/1	Type 2	L-N	5SD74681	9875.-
5SD7464-0/1				
5SD7464-0/1		N-PE	5SD74880	12385.-
5SD7422-0/1				
5SD7422-0/1		N-PE	5SD74281	9875.-
5SD7422-0/1				
5SD7483-6	PV	-	5SD74983	10465.-

* Also available Type 1+ Type 2 and Type1/2 Compact SPDs for protection against overvoltages from Lightning strikes as well as by switching operations in network

Note:

Standard packing: 1 unit

* LP - List Price

POR: Price On Request



Modular Devices

For efficient control and monitoring

- 7LF time switch - Digital and Analog timers for all applications; available in Mini, Top, Profi, Astro, Expert and Expert GPS variants
- 5TT5 insta contactors – For all control applications; also with Manual/Automatic switching indicator
- DIN mounted phase indicators, monitoring relays and measuring devices for final distribution circuits
- Twilight Switch for Automatic Street Light Control

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Modular Devices

	Item Description	Rated Current I _n (A)	MW#	Reference No	Unit LP* ₹	Std. Pkg.** (Nos.)
Changeover switches						
Standards: IEC 60947-3/DIN EN 60947-3						
	1C/O, 230V	20	1	5TE8161	4150.-	1/10
	2C/O, 400V	20	1	5TE8162	6270.-	1/10
	Group switch, center position, 2C/O, 400V	20	1	5TE8142	7575.-	1/10
Insta Contactors						
Standards: EN 60947-4-1, EN 60947-5-1						
	2NO contacts, 230Vac	20	1	5TT58000	5010.-	1/5
	3NO+1NC contacts, 230Vac/220Vdc (1NC contact rated for 30A)	40	3	5TT58410	13700.-	1/5
	3NO+1NC contacts, 24Vac/24Vdc (1NC contact rated for 30A)	40	3	5TT58412	13765.-	1/5
	4NO contacts, 230Vac/220Vdc	40	3	5TT58400	13805.-	1/5
	4NO contacts, 24Vac/24Vdc	40	3	5TT58402	13785.-	1/5
	3NO+1NC contacts, 230Vac/220Vdc (1NC contact rated for 30A)	63	3	5TT58510	21450.-	1/5
	3NO+1NC contacts, 24Vac/24Vdc, (1NC contact rated for 30A)	63	3	5TT58512	21840.-	1/5
	4NO contacts, 230Vac/220Vdc	63	3	5TT58500	17495.-	1/5
	4NO contacts, 24Vac/24Vdc	63	3	5TT58502	17530.-	1/5
Insta Contactors Manual / Automatic with Switching Indicator						
Standards: IEC60947-4-1, IEC60947-5-1						
	2NO contacts, 230Vac	20	1	5TT58006	6665.-	1/5
	1NO+1NC contacts, 230Vac	20	1	5TT58016	9800.-	1/5
	4NO contacts, 230Vac	25	2	5TT58306	10075.-	1/5
	4NO contacts, 400Vac	40	3	5TT58406	20280.-	1/5
	4NO contacts, 400Vac	63	3	5TT58506	26570.-	1/5
Accessories						
	Control Switch with 1 Make and 1 Break Contact For AC 230V/400V For 5TT58 and 5TT50			5TT59101	6110.-	1/10

Note:

* LP - List Price # 1MW (Module Width) = 18mm

** Purchase MOQ for our authorised dealers is in multiples of standard packing, contact Siemens Sales Office for further details



Modular Devices

	Item Description	Rated Current I_n (A)	MW#	Reference No	Unit LP* ₹	Std. Pkg.** (Nos.)
Twilight switch						
	Twilight Switch with light sensor 230 V, 50/60 Hz, 1MW, 16A			7LQ2300	54965.-	1
Voltage Relays Standards: IEC 60255, DIN VDE 0435-303						
	Voltage relay for undervoltage monitoring of 1,2,3 phases against N with phase failure detection, Switching thresholds 07-0.9xV, not adjustable; 2 C/O contacts, 4A, 230/400Vac	4	2	5TT3402	22195.-	1
	Voltage relay for undervoltage monitoring of 1,2,3 phases against N, short time failure detection with phase failure detection and N conductor monitoring, Switching thresholds 0.8-0.85xV, not adjustable; 2 C/O contacts, 230/400Vac	4	2	5TT3407	40605.-	1
	Voltage relay for over and undervoltage monitoring of 3 phases against N with asymmetry, reverse voltage and phase failure detection with N conductor monitoring and adj. Time delay of 0.1 to 20s, Switching thresholds: U/voltage 0.7-1.1xV, 4% hysteresis, adjustable, O/voltage 0.9-1.1xV, 4% hysteresis, adjustable; 2 C/O contacts, 230/400Vac	4	2	5TT3408	41800.-	1
RYG 3 phase indicator in 1MW						
	3 phase indicator (all with green color cap)		1	5TE5802	5580.-	1/10
	3 phase indicator (red/yellow/green)		1	5TE5803	5310.-	1/10
	Transparent cap (1 set = 3 items, R, Y, G lens)			5TG8070	1425.-	1/10
Power ON Indicator (Economy Version) 230 Vac, 1 Phase						
	Light indicators for max. cable length up to 5 m with 1 red lamp		1	5TE5800	3330.-	1/12
	Light indicators for max. cable length up to 250 m with 1 red lamp		1	5TE5804	4230.-	1/12
	Transparent cap (Red) (1 set 5x each red/transparent)			5TG8061	1840.-	5
	Transparent cap (Green) (1 Set with 5x each green/transparent)			5TG8062	1840.-	5
	Transparent cap (Yellow) (1 Set with 5x each yellow/transparent)			5TG8063	1840.-	5
	Transparent cap (Blue) (1 Set with 5x each blue/transparent)			5TG8064	1840.-	5
Fuse Monitor						
	Fuse monitors with transparent caps for all low voltage fuse systems, 230Vac	4	2	5TT3170	17410.-	1

Note:

* LP - List Price # 1MW (Module Width) = 18mm POR: Price On Request

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Modular Devices

	Item Description	Rated Current I_n (A)	MW#	Reference No	Unit LP* ₹	Std. Pkg.** (Nos.)
Time Switches (Digital)						
	Mini digital, daily/weekly program, 100 hours reserve, 230Vac	16	1	7LF45015	12960.-	1
	Yearly time switch top digital 230V, 1 channel	16	2	7LF45110	15870.-	1
	Yearly time switch top digital 230V, 2 channel	16	2	7LF45120	30380.-	1
	Weekly time switch profi digital 230V, 1 channel	16	2	7LF45210	28300.-	1
	Weekly time switch profi digital 230V, 2 channel	16	2	7LF45220	36605.-	1
	Weekly time switch astro digital 230V, 1 channel	16	2	7LF45310	28530.-	1
	Weekly time switch astro digital 230V, 2 channel	16	2	7LF45320	47700.-	1
Time Switches (Mechanical) Standards: EN 60730-1						
	Quartz time switch Day 1 NO 230V/50-60Hz 1 MW with power reserve	16	1	7LF53011	17560.-	1
	Synchronous time switches without power reserve, for DIN rail mounting, day disk, 1CO, 230V AC	16	3	7LF53005	9690.-	1
	Quartz-clock time switches with power reserve for DIN rail mounting, day disk, 1CO, 230V AC	16	3	7LF53016	18650.-	1
	Quartz-clock time switches with power reserve for wall mounting, day disk, 1CO, 250Vac	16	—	7LF53050	20400.-	1
	Synchronous time switches without power reserve, for wall mounting, day disk, 1CO, 250Vac	16	—	7LF53010	11500.-	1
7LF53005						
Accessories for Digital Time Switches						
	USB adapter and software			7LF49410	46965.-	1
	Data key profi, astro			7LF49411	4780.-	1

Note:

* LP - List Price

1MW (Module Width) = 18mm

** Purchase MOQ for our authorised dealers is in multiples of standard packing, contact Siemens Sales Office for further details



Power Factor Correction



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SIECAP™ LV Power Capacitors



ND+ (Normal Duty) - Al Can, MPP resin filled

- High pulse current withstand capability (upto 200.I_N)
- Long life expectancy upto 100000 hrs
- Self healing type
- Inbuilt over pressure disconnecter
- Shock hazard protected SIGUT terminals

Rated voltage V	kvar @ 50 Hz	Type	Unit LP* ₹	Std. pkg. (nos.)
440	5	4RB2050-3EE52-8K	3245.-	1
	6	4RB2060-3EE52-8K	3245.-	1
	7	4RB2070-3EE52-8K	3555.-	1
	7.5	4RB2075-3EE52-8K	3815.-	1
	8.3	4RB2083-3EE52-8K	4220.-	1
	10	4RB2100-3EE52-8K	5085.-	1
	12.5	4RB2125-3EE52-8K	5490.-	1
	15	4RB2150-3EE52-8K	6585.-	1
	20	4RB2200-3EE52-8K	8750.-	1
	20.8	4RB2208-3EE52-8K	9120.-	1
	25	4RB2250-3EE52-8K	10960.-	1
	28	4RB2280-3EE52-8K	12270.-	1
	30	4RB2300-3EE52-8K	13155.-	1

Rated voltage V	kvar @ 50 Hz	Type	Unit LP* ₹	Std. pkg. (nos.)
480	5	4RB2050-3EJ52-8K	2985.-	1
	5.5	4RB2055-3EJ52-8K	3310.-	1
	10.4	4RB2104-3EJ52-8K	5525.-	1
	11.1	4RB2111-3EJ52-8K	5635.-	1
	12.5	4RB2125-3EJ52-8K	5775.-	1
	20.8	4RB2208-3EJ52-8K	9600.-	1
	25	4RB2250-3EJ52-8K	11535.-	1
	27.7	4RB2277-3EJ52-8K	12785.-	1
	30	4RB2300-3EJ52-8K	13850.-	1

Purchase MOQ for our dealers is in multiples of standard packing, please contact your nearest Siemens Sales Office for further details.

For information on less than 5 kvar and other kvar ratings at different voltages and frequency and use with detuned reactors, please contact your nearest Siemens Sales Office.

Power Factor Correction



Std. Pkg. = 1 unit

* LP - List Price

SIECAP™ LV Power Capacitors

HD (Heavy Duty) - Al Can, MPP resin filled

- High pulse current withstand capability (up to $250.I_N$)
- Long life expectancy up to 130000 hrs
- Self healing type
- Inbuilt over pressure disconnecter
- Shock hazard protected SIGUT terminals



Rated voltage V	kvar @ 50 Hz	Type	Unit LP* ₹	Std. pkg. (nos.)
415	5	4RB2050-3EB53-8K	3980.-	1
	7.5	4RB2075-3EB53-8K	5285.-	1
	10.4	4RB2104-3EB53-8K	7340.-	1
	12.5	4RB2125-3EB53-8K	7960.-	1
	15	4RB2150-3EB53-8K	9560.-	1
	20	4RB2200-3EB53-8K	12740.-	1
	25	4RB2250-3EB53-8K	15925.-	1
440	5	4RB2050-3EE53-8K	4100.-	1
	7.5	4RB2075-3EE53-8K	5285.-	1
	10	4RB2100-3EE53-8K	7050.-	1
	12.5	4RB2125-3EE53-8K	7960.-	1
	15	4RB2150-3EE53-8K	9560.-	1
	20	4RB2200-3EE53-8K	12740.-	1
	25	4RB2250-3EE53-8K	15925.-	1
	30	4RB2300-3EE53-8K	19100.-	1

Rated voltage V	kvar @ 50 Hz	Type	Unit LP* ₹	Std. pkg. (nos.)
480	5	4RB2050-3EJ53-8K	4100.-	1
	6.3	4RB2063-3EJ53-8K	4590.-	1
	10.4	4RB2104-3EJ53-8K	6865.-	1
	11	4RB2110-3EJ53-8K	7265.-	1
	12.5	4RB2125-3EJ53-8K	8250.-	1
	13.8	4RB2138-3EJ53-8K	9110.-	1
	15	4RB2150-3EJ53-8K	9895.-	1
	16.7	4RB2167-3EJ53-8K	11015.-	1
	18.7	4RB2187-3EJ53-8K	12330.-	1
	20	4RB2200-3EJ53-8K	13205.-	1
	22	4RB2220-3EJ53-8K	14505.-	1
	25	4RB2250-3EJ53-8K	16485.-	1
	28.1	4RB2281-3EJ53-8K	18535.-	1
	30	4RB2300-3EJ53-8K	19775.-	1
525	5	4RB2050-3FC53-8K	4225.-	1
	6.3	4RB2063-3FC53-8K	4740.-	1
	8.3	4RB2083-3FC53-8K	6235.-	1
	10.4	4RB2104-3FC53-8K	7095.-	1
	12.5	4RB2125-3FC53-8K	8535.-	1
	13.2	4RB2132-3FC53-8K	9015.-	1
	15	4RB2150-3FC53-8K	10230.-	1
	16.7	4RB2167-3FC53-8K	11415.-	1
	20	4RB2200-3FC53-8K	13645.-	1
	25	4RB2250-3FC53-8K	17055.-	1
	26.5	4RB2265-3FC53-8K	18080.-	1
	30	4RB2300-3FC53-8K	20475.-	1
	33.1	4RB2331-3FC53-8K	22580.-	1

Power Factor Correction



Purchase MOQ for our dealers is in multiples of standard packing, please contact your nearest Siemens Sales Office for further details.

For information on less than 5 kvar and other kvar ratings at different voltages and frequency and use with detuned reactors, please contact your nearest Siemens Sales Office.

Std. Pkg. = 1 unit

* LP - List Price

SIECAP™ LV Power Capacitors



SHD (Super Heavy Duty) - Al Can, MPP resin filled

- High pulse current withstand capability (upto 500.I_N)
- Long life expectancy upto 200000 hrs
- Self healing type
- Inbuilt over pressure disconnecter
- Shock hazard protected SIGUT terminals

Rated voltage V	kvar @ 50 Hz	Type	Unit LP* ₹	Std. pkg. (nos.)
415	5	4RB1050-3EB50-8K	4535.-	1
	6.3	4RB1063-3EB50-8K	5070.-	1
	7.5	4RB1075-3EB50-8K	6040.-	1
	10.4	4RB1104-3EB50-8K	8375.-	1
	12.5	4RB1125-3EB50-8K	9090.-	1
	15	4RB1150-3EB50-8K	10910.-	1
	20	4RB1200-3EB50-8K	14550.-	1
	25	4RB1250-3EB50-8K	18185.-	1
	28.1	4RB1281-3EB50-8K	20425.-	1
	30	4RB1300-3EB50-8K	21820.-	1
	33	4RB1330-3EB50-8K	24005.-	1
440	5	4RB1050-3EE50-8K	4680.-	1
	7.5	4RB1075-3EE50-8K	6040.-	1
	10	4RB1100-3EE50-8K	8055.-	1
	10.4	4RB1104-3EE50-8K	8375.-	1
	12.5	4RB1125-3EE50-8K	9090.-	1
	15	4RB1150-3EE50-8K	10910.-	1
	16.7	4RB1167-3EE50-8K	12145.-	1
	20	4RB1200-3EE50-8K	14550.-	1
	25	4RB1250-3EE50-8K	18185.-	1
	28.1	4RB1281-3EE50-8K	20425.-	1
	30	4RB1300-3EE50-8K	21820.-	1
	33.1	4RB1331-3EE50-8K	24070.-	1
	480	5	4RB1050-3EJ50-8K	4680.-
6.3		4RB1063-3EJ50-8K	5230.-	1
8.3		4RB1083-3EJ50-8K	6905.-	1
10.4		4RB1104-3EJ50-8K	7835.-	1
11		4RB1111-3EJ50-8K	8295.-	1
12.5		4RB1125-3EJ50-8K	9415.-	1
13.8		4RB1138-3EJ50-8K	10405.-	1
15		4RB1150-3EJ50-8K	11305.-	1
16.7		4RB1167-3EJ50-8K	12575.-	1
18.7		4RB1187-3EJ50-8K	14085.-	1
20		4RB1200-3EJ50-8K	15075.-	1
22		4RB1220-3EJ50-8K	16565.-	1
25		4RB1250-3EJ50-8K	18820.-	1
28.1		4RB1281-3EJ50-8K	21165.-	1
30		4RB1300-3EJ50-8K	22590.-	1
31		4RB1310-3EJ50-8K	23350.-	1
33		4RB1330-3EJ50-8K	24865.-	1

Rated voltage V	kvar @ 50 Hz	Type	Unit LP* ₹	Std. pkg. (nos.)
525	5	4RB1050-3FC50-8K	4825.-	1
	6.3	4RB1063-3FC50-8K	5415.-	1
	8.3	4RB1083-3FC50-8K	7120.-	1
	10.4	4RB1104-3FC50-8K	8105.-	1
	12.5	4RB1125-3FC50-8K	9745.-	1
	13.2	4RB1132-3FC50-8K	10290.-	1
	15	4RB1150-3FC50-8K	11685.-	1
	16.7	4RB1167-3FC50-8K	13025.-	1
	20	4RB1200-3FC50-8K	15575.-	1
	25	4RB1250-3FC50-8K	19480.-	1
	26.5	4RB1265-3FC50-8K	20655.-	1
	30	4RB1300-3FC50-8K	23385.-	1
	33.1	4RB1331-3FC50-8K	25790.-	1
	690	5.3	4RB1053-3GK50-8K	4265.-
6.9		4RB1068-3GK50-8K	5570.-	1
10.4		4RB1104-3GK50-8K	8375.-	1
12.5		4RB1125-3GK50-8K	10070.-	1
14.6		4RB1146-3GK50-8K	11760.-	1
20		4RB1200-3GK50-8K	16105.-	1
25		4RB1250-3GK50-8K	20135.-	1

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For information on less than 5 kvar and other kvar ratings at different voltages and frequency and use with detuned reactors, please contact your nearest Siemens Sales Office.

Std. Pkg. = 1 unit

* LP - List Price

Harmonics filter

Detuned reactor

Features

- Insulation class H
- High linearity
- Temperature control via micro switch
- Low losses and low noise

Copper Detuned Reactors

Bank size	Detuning factor	Type	Unit LP* ₹
5kvar	5.67%	4KA1220-1AC01-0AA0	20610.-
10kvar	5.67%	4KA1220-3AC01-0AA0	24460.-
12.5kvar	5.67%	4KA1220-4AC01-0AA0	28630.-
15kvar	5.67%	4KA1220-5AC01-0AA0	30930.-
20kvar	5.67%	4KA1220-6AC01-0AA0	33080.-
25kvar	5.67%	4KA1220-7AC01-0AA0	35390.-
5kvar	7%	4KA1220-1AA01-0AA0	20595.-
10kvar	7%	4KA1220-3AA01-0AA0	28255.-
12.5kvar	7%	4KA1220-4AA01-0AA0	30505.-
15kvar	7%	4KA1220-5AA01-0AA0	35220.-
20kvar	7%	4KA1220-6AA01-0AA0	37520.-
25kvar	7%	4KA1220-7AA01-0AA0	39485.-
50kvar	7%	4KA1220-2BA01-0AA0	70350.-
75kvar	7%	4KA1220-3BA03-0AA0	98660.-
100kvar	7%	4KA1220-4BA03-0AA0	124180.-
5kvar	14%	4KA1220-1AB01-0AA0	27115.-
12.5kvar	14%	4KA1220-4AB01-0AA0	45505.-
15kvar	14%	4KA1220-5AB01-0AA0	53290.-
20kvar	14%	4KA1220-6AB01-0AA0	64845.-
25kvar	14%	4KA1220-7AB01-0AA0	72905.-
50kvar	14%	4KA1220-2BB01-0AA0	118400.-
75kvar	14%	4KA1220-3BB03-0AA0	151470.-
100kvar	14%	4KA1220-4BB03-0AA0	220225.-

Std. Pkg. = 1 unit

* LP - List Price

Aluminium Detuned Reactors

Bank size	Detuning factor	Type	Unit LP* ₹
5kvar	5.67%	4KA1420-1AC01-0AA0	15315.-
10kvar	5.67%	4KA1420-3AC01-0AA0	19525.-
12.5kvar	5.67%	4KA1420-4AC01-0AA0	21400.-
15kvar	5.67%	4KA1420-5AC01-0AA0	25305.-
20kvar	5.67%	4KA1420-6AC01-0AA0	28855.-
25kvar	5.67%	4KA1420-7AC01-0AA0	29215.-
50kvar	5.67%	4KA1420-2BC01-0AA0	53160.-
5kvar	7%	4KA1420-1AA01-0AA0	16300.-
10kvar	7%	4KA1420-3AA01-0AA0	20975.-
12.5kvar	7%	4KA1420-4AA01-0AA0	23195.-
15kvar	7%	4KA1420-5AA01-0AA0	26145.-
20kvar	7%	4KA1420-6AA01-0AA0	27840.-
25kvar	7%	4KA1420-7AA01-0AA0	29780.-
50kvar	7%	4KA1420-2BA01-0AA0	51205.-
75kvar	7%	4KA1420-3BA03-0AA0	69570.-
100kvar	7%	4KA1420-4BA03-0AA0	90975.-
5kvar	14%	4KA1420-1AB01-0AA0	22190.-
10kvar	14%	4KA1420-3AB01-0AA0	33290.-
12.5kvar	14%	4KA1420-4AB01-0AA0	36225.-
15kvar	14%	4KA1420-5AB01-0AA0	42885.-
20kvar	14%	4KA1420-6AB01-0AA0	47610.-
25kvar	14%	4KA1420-7AB01-0AA0	58095.-
50kvar	14%	4KA1420-2BB01-0AA0	102780.-

Power Factor Correction



3MT7 Capacitor Duty Contactors

NEW



Comprehensive Range

Available from 2.5kvar to 100kvar offering more options for accurate selection thus reducing the cost of installation.



Reliable

The entire range is DIN rail mountable for quick installation and provides excellent damping of inrush current enhancing your system life.



Safe

Confirming to UL508, CSA 22.2, IEC 60947-4-1 and IEC 60947-5-1 standards and is RoHS compliant.



Capacitor kvar 415V AC, 3Ph, 50Hz	Built-in aux. contacts	Type®	Unit LP ₹	Built-in aux. contacts	Type®	Unit LP ₹	Std. pkg. (nos.)
NEW 2.5kvar	1NO	3MT70002JA106A..	2460.-	1NC	3MT70002JA016A..	2460.-	1
NEW 5kvar	1NO	3MT70005JA106A..	2720.-	1NC	3MT70005JA016A..	2720.-	1
NEW 7.5kvar	1NO+1NC	3MT70007JA116A..	2995.-	2NC	3MT70007JA026A..	2995.-	1
NEW 10kvar	1NO+1NC	3MT70010JA116A..	3730.-	2NC	3MT70010JA026A..	3730.-	1
NEW 12.5kvar	1NO+1NC	3MT70012JA116A..	3810.-	2NC	3MT70012JA026A..	3810.-	1
NEW 16.7kvar	1NO+1NC	3MT70016JA116A..	5050.-	2NC	3MT70016JA026A..	5050.-	1
NEW 20kvar	1NO+1NC	3MT70020JA116A..	5615.-	2NC	3MT70020JA026A..	5615.-	1
NEW 25kvar	1NO+1NC	3MT70025JA116A..	6435.-	2NC	3MT70025JA026A..	6435.-	1
NEW 33.3kvar	1NO+2NC	3MT70033JA126A..	9755.-				1
NEW 40kvar	1NO+2NC	3MT70040JA126A..	15745.-				1
NEW 50kvar	1NO+2NC	3MT70050JA126A..	18430.-				1
60kvar	1NO+2NC	3MT70060JA126A..	19590.-				1
80kvar	1NO+2NC	3MT70080JA126A..	24050.-				1
100kvar	1NO+2NC	3MT70100JA126A..	24990.-				1

Please enter coil codes from table below

Coil for Contactors 2.5 to 60 kvar

Frequency	24V AC	110V AC	220V AC	240V AC	415V AC
50/60 Hz	C2	G2	N2 ■	P2 ■	R2

Coil for Contactors 80 and 100 kvar

Frequency	110V AC	220V AC	240V AC	415V AC
50 Hz	F0	M0 ■	U0 ■	V0

Spares for 3MT7 Contactors

Contactors Coils	Type®	Unit LP ₹	Std. pkg. (nos.)
2.5kvar to 16.7kvar : 3MT70002 to 3MT70016	3MT72000L..9M1A	735.-	1
20kvar to 25kvar : 3MT70020 to 3MT70025	3MT74000L..9M1A	870.-	1
33.3kvar to 60kvar : 3MT70033 to 3MT70075	3MT76000L..9M1A	2235.-	1
80kvar to 100kvar : 3MT70080 to 3MT70100	3MT78000L..9M1A	2440.-	1

Spare side aux. contact block	Type	Unit LP ₹	Std. pkg. (nos.)
1NO+1NC	3MT70110CL09M1A	550.-	10
2NC	3MT70200CL09M1A	550.-	10

Automatic Power Factor Correction Relay (APFC relay)

Features

- Easy accessibility of parameters
- Universal control supply—optimizing the no of variants
- Automatic/ Linear/ rotational switching modes of banks
- Selectable 1A/ 5A current input
- LCD version with RS485 Communication MODBUS RTU Protocol
- Confirms to IEC60947-5-1, carry CE and RoHS Compliant



for more info scan QR code



7UG0572-1GT20

Description	Type	Unit LP ₹	Std. pkg. (nos.)
Automatic Power factor correction relay (APFC relay)	8 Stage with LCD display	7UG0571-1FT20	25735.-
	12 Stage with LCD display	7UG0572-1GT20	27570.-
	12 stage with LED display	7UG0572-1GT21	15765.-

Std. Pkg. = 1 unit * LP - List Price

Available till stocks last

3TS Capacitor duty Contactors

Capacitor kVAr 415V, 3ph, 50Hz	Built-in aux. contacts	Type [®]	Unit LP ₹	Built-in aux. contacts	Type [®]	Unit LP ₹	Std. pkg. (nos.)
5 kvar	1 NO	3TS2110-0A..5-8K†	2910.-				
7 kvar	1 NO	3TS1110-0A..5-8K†	3195.-				
10 kvar	-	3TS2200-0A..5-8K†	3475.-	1NO+1NC	3TS2211-0A..5-8K	3985.-	
12.5 kvar	-	3TS1200-0A..5-8K†	3560.-	1NO+1NC	3TS1211-0A..5-8K	4070.-	1
16 kvar	-	3TS1300-0A..5-8K†	4895.-	1NO+1NC	3TS1311-0A..5-8K	5395.-	1
20 kvar	-	3TS1400-0A..5-8K†	5515.-	1NO+1NC	3TS1411-0A..5-8K	6000.-	1
25 kvar	-	3TS1500-0A..5-8K†	6365.-	1NO+1NC	3TS1511-0A..5-8K	6880.-	1
30 kvar	-	3TS2500-0A..5-8K†	9915.-	1NO+1NC	3TS2511-0A..5-8K	10425.-	1
40 kvar	2 NO + 2 NC	3TS2722-0A..5-8K	16825.-				
50 kvar	2 NO + 2 NC	3TS1722-0A..5-8K	19700.-				



† Facility to add one contact block of 1NO / 1NC

3TS Capacitor Duty Spares

@ AC 50Hz coil code - Please enter coil codes from table below

	For 3TS contactors		
Code	F0	P0	R0
Coil voltage (V)	110	230	415

Spare coils

Contactor kVAr	Description	Type*	Unit LP ₹	Std. pkg. (nos.)
5 kvar	AC 50Hz coil	3TY74030A..	1085.-	1
7 kvar				
10 kvar				
12.5 kvar				
16 kvar				
20 kvar	3TY74430A..	1340.-	1	
25 kvar				
30 kvar				
40 kvar				
50 kvar	3TY74630A..	2325.-	1	

* For coil, refer above table

Discontinued

MPCBs for motor protection - 3VS16

Overload release range A	Type (w/o aux. contact)	Type (with 1NO+1NC)	Std. pkg. (nos)
6 - 10	3VS1600-0ML00	3VS1600-1ML00	1
10 - 16	3VS1600-0MM00	3VS1600-1MM00	1
16 - 25	3VS1600-0MN00	3VS1600-1MN00	1
22 - 32	3VS1600-0MP00	3VS1600-1MP00	1
28 - 40	3VS1600-0MQ00	3VS1600-1MQ00	1
36 - 52	3VS1600-0MR00	3VS1600-1MR00	1

7UG0 monitoring relays

Description	Voltage	Type
Speed monitoring relays	110-240V AC/DC	7UG0583-1CU20

3TS Converter duty Contactors

Contactor Size	Rated current Ie (A) AC1 at 415V	AC Coil
		Type
12	630	3TS5722-0C..1-8K*

Auxiliary contact blocks

For contactor	Description	Type	Unit LP ₹	Std. pkg. (nos.)
3TS1110-3TS1500	1NO	3TX4010-2A	280.-	10
	1NC	3TX4001-2A	280.-	10

Pre-charge resistor + Contact block kit

Contactor kVAr	Description	Type	Unit LP ₹	Std. pkg. (nos.)
10 kvar	Pre-charge resistor + early making contact block kit + main contacts kit	3TS9762-0SX15-8K	2710.-	1
12.5 kvar		3TS9762-0SX15-8K		1
16 kvar		3TS9763-0SX15-8K	4025.-	1
20 kvar		3TS9764-0SX15-8K	4540.-	1
25 kvar		3TS9765-0SX15-8K	5340.-	1
30 kvar		3TS9765-0SX15-8K		1
40 kvar		3TS9767-0SX15-8K	13730.-	1
50 kvar		3TS9767-0SX15-8K		1

Note: Pre-charge resistor + early making contact block kit + main contacts should be replaced simultaneously

Spares for 3TS Contactors

Converter Duty

Main contact kits (set of 6 fixed & 3 moving contacts)

Contactor rating	Description	Type*
3TS57	Spare main contact kits	3TS9157-01-8K

Spare coils

	AC Coil
3TS57	3TY7573-0C..

for 3TS57

AC 50/60Hz	Coil voltage (V)	110-132	220-240
	Code	F7	M7

* 3TS57 - Suitable for AC-1 applications. For frequency converter applications refer to the nearest Siemens office



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The normal stock items (indicated by ■) are subject to change without prior notice.

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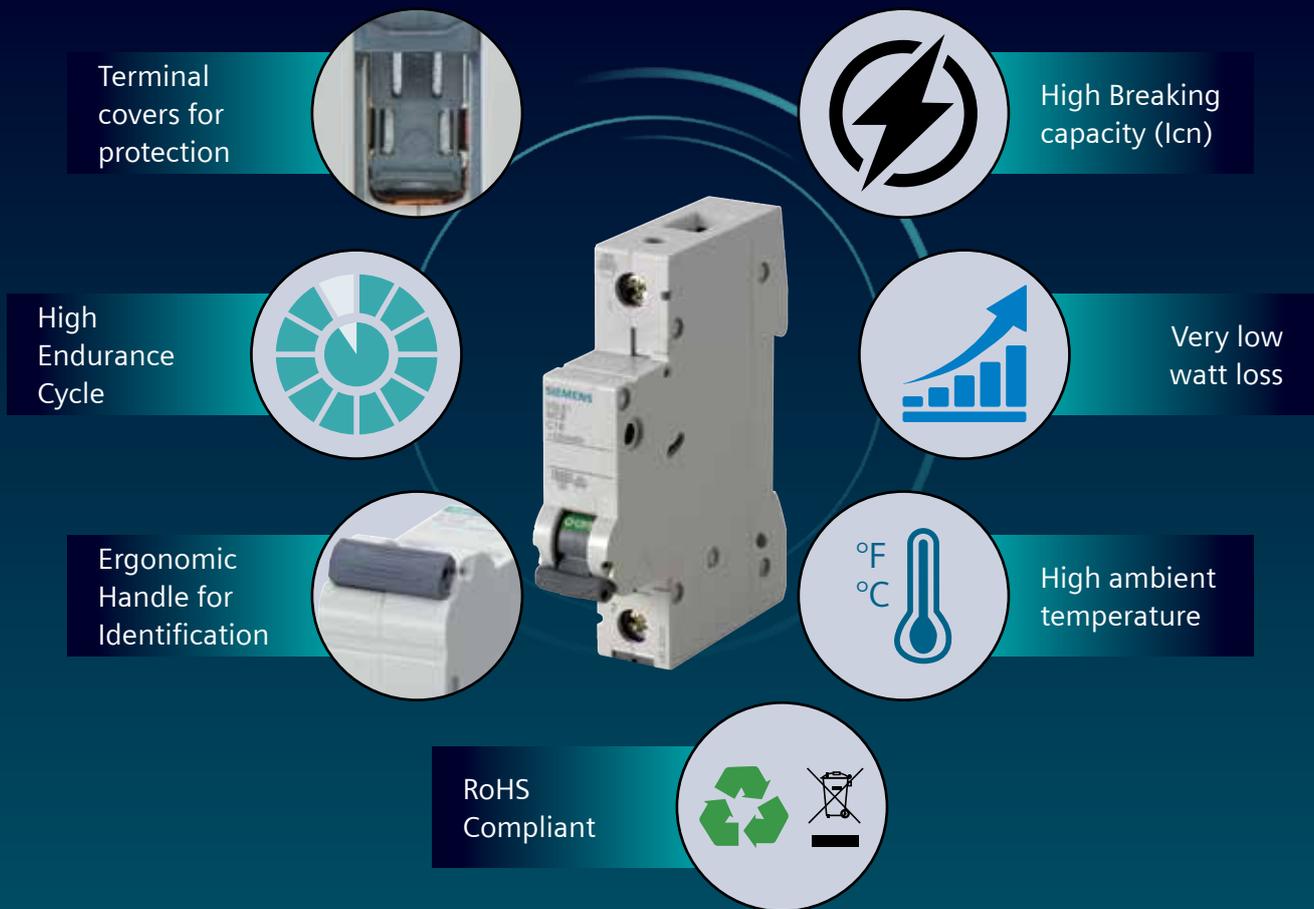
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Sr. No.	Items	Pg. No.
1	Betagard Miniature Circuit Breakers	
	5SL6, 7.5kA with C characteristics	5
	5SL6, 7.5kA with B characteristics	6
	5SL4, 10kA with C characteristics	7
	5SL7, with C characteristics	8
	5SL7, with D characteristics	9
2	Betagard Circuit Breakers	
	5SL7, with K characteristics	13
	5SL4, with Z characteristics	14
	5SY4, 10kA CBs with C characteristics	15
	5SP4, 10kA with C and D characteristics	15
3	Betagard Isolators	
5TL1 Isolators	16	
4	Betagard DC Circuit Breakers	
	5SL5, 10kA DC with C characteristics	16
	5SL5, 4-pole DC with C Characteristics	17
5	Betagard Residual Current Circuit Breakers	
5SV RCCB - Type AC, Type A	20	
6	SENTRON Residual Current Units	
	5SM2..RC, RC Units- Type AC, Type A	22
	Accessories selection - Remote control mechanism	23
7	Betagard Residual Current Breaker Operators	
	5SU1 RCBO, 10kA, Type AC with C and D characteristics	24
	5SU1 RCBO, 10kA, Type A with C and D characteristics	25
8	Betagard Accessories	26
9	SINOVA Opulenz	27
10	Arc Fault Detection Devices (AFDD)	28-29
11	SENTRON COM Devices NEW	30-31
	5SV6 AFDD COM	32
	7KN Powercenter 1000	32
12	SINOVA STR4 ACCL	33
13	Betagard Distribution Boards	
	8GB32 SPN, TPN & Phase Segregated DBs	35-37
	Industrial Plug & Socket DBs, Simbox WP DBs	38
	Accessories for Betagard DBs	39
14	SINOVA Low Voltage Switchgears	40
15	SENTRON Surge Protection Devices	
Surge Protection Devices	42-44	
16	SENTRON Modular Devices	
	Changeover switches, Insta contactors	45
	Twilight switch, Voltage relays, Indicators and Fuse monitors	47
	Time switches	48
17	SINOVA MCCBs - 3VJ, RAJA+ Starters ordering info	49-51
18	Switch Disconnecter Fuses - 3KL and Fuses - 3NA/3NW ordering info	52
19	Available till stocks last	53-54
20	Discontinued products	55
21	Multi channel current measuring system	56-57
22	Technical Information	58-59
23	Customer Care	60

Betagard 5SL MCBs – Inspiring Safety



Unique SLR (Slide Latch-Release) feature for tool free removal from DIN rail allows individual MCB to be removed from bus bar mounted assembly without disturbing other devices

BIS approval for ISI marking as per latest IS/IEC 60898-1:2015 for assured quality and protection



Unique termination mechanism enables firm mounting of Bus bar together with wire; and provides front access to wires for safe installation

Betagard Miniature Circuit Breakers 5SL6, with C Characteristics

- Standards: IS/IEC 60898-1:2015
- Voltage: Un 240/415V, 50...60Hz[^]
- With ISI marking: CM/L No. 2255548

7500A	Rated Current I_n (A)	MW#	Reference No	Unit MRP* ₹	Std. Pkg.** (Nos.)
1P, 240/415V AC 	0.5	1	5SL61057RC	539.-	1/12
	1		5SL61017RC	539.-	1/12
	2		5SL61027RC	539.-	1/12
	3		5SL61037RC	539.-	1/12
	4		5SL61047RC	539.-	1/12
	6		5SL61067RC	334.-	1/12
	8		5SL61087RC	334.-	1/12
	10		5SL61107RC	334.-	1/12
	13		5SL61137RC	334.-	1/12
	16		5SL61167RC	334.-	1/12
	20		5SL61207RC	334.-	1/12
	25		5SL61257RC	334.-	1/12
	32		5SL61327RC	334.-	1/12
	40		5SL61407RC	735.-	1/12
	50		5SL61507RC	846.-	1/12
63	5SL61637RC	846.-	1/12		
2P, 415V AC 	0.5	2	5SL62057RC	1523.-	1/6
	1		5SL62017RC	1523.-	1/6
	2		5SL62027RC	1523.-	1/6
	3		5SL62037RC	1523.-	1/6
	4		5SL62047RC	1523.-	1/6
	6		5SL62067RC	1140.-	1/6
	8		5SL62087RC	1140.-	1/6
	10		5SL62107RC	1140.-	1/6
	13		5SL62137RC	1140.-	1/6
	16		5SL62167RC	1140.-	1/6
	20		5SL62207RC	1140.-	1/6
	25		5SL62257RC	1140.-	1/6
	32		5SL62327RC	1140.-	1/6
	40		5SL62407RC	1600.-	1/6
	50		5SL62507RC	1878.-	1/6
63	5SL62637RC	1878.-	1/6		
3P, 415V AC 	0.5	3	5SL63057RC	2138.-	1/4
	1		5SL63017RC	2138.-	1/4
	2		5SL63027RC	2138.-	1/4
	4		5SL63047RC	2138.-	1/4
	6		5SL63067RC	1712.-	1/4
	10		5SL63107RC	1712.-	1/4
	16		5SL63167RC	1712.-	1/4
	20		5SL63207RC	1712.-	1/4
	25		5SL63257RC	1712.-	1/4
	32		5SL63327RC	1712.-	1/4
	40		5SL63407RC	2396.-	1/4
	50		5SL63507RC	2676.-	1/4
	63		5SL63637RC	2676.-	1/4
4P, 415V AC 	0.5	4	5SL64057RC	2952.-	1/3
	1		5SL64017RC	2952.-	1/3
	2		5SL64027RC	2952.-	1/3
	4		5SL64047RC	2952.-	1/3
	6		5SL64067RC	2367.-	1/3
	10		5SL64107RC	2367.-	1/3
	16		5SL64167RC	2367.-	1/3
	20		5SL64207RC	2367.-	1/3
	25		5SL64257RC	2367.-	1/3
	32		5SL64327RC	2367.-	1/3
	40		5SL64407RC	3059.-	1/3
	50		5SL64507RC	3541.-	1/3
	63		5SL64637RC	3541.-	1/3

■ Stock items

Note:

* MRP - Maximum Retail Price

1MW (Module Width) = 18mm

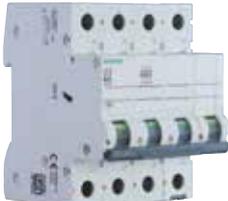
** Purchase MOQ for our authorized dealers is in multiples of standard packing, contact Siemens Sales Office for further details

^ Suitable for DC networks in Telecom application; 60V DC for 1P & 110V DC for 2P (contact sales office for connection diagram)

Betagard Miniature Circuit Breakers 5SL6, with B Characteristics



- Standards: IS/IEC 60898-1:2015
- Voltage: Un 240/415V, 50...60Hz
- With ISI marking: CM/L No. 2255548

7500A	Rated Current I_n (A)	MW#	Reference No	Unit MRP* ₹	Std. Pkg.** (Nos.)
1P, 240/415V AC 	6	1	5SL61066RC	328.-	1/12
	10		5SL61106RC	328.-	1/12
	16		5SL61166RC	328.-	1/12
	20		5SL61206RC	328.-	1/12
	25		5SL61256RC	328.-	1/12
	32		5SL61326RC	328.-	1/12
	40		5SL61406RC	731.-	1/12
	50		5SL61506RC	822.-	1/12
	63		5SL61636RC	822.-	1/12
	2P, 415V AC 		6	2	5SL62066RC
10		5SL62106RC	1127.-		1/6
16		5SL62166RC	1127.-		1/6
20		5SL62206RC	1127.-		1/6
25		5SL62256RC	1127.-		1/6
32		5SL62326RC	1127.-		1/6
40		5SL62406RC	1585.-		1/6
50		5SL62506RC	1863.-		1/6
63		5SL62636RC	1863.-		1/6
3P, 415V AC 		6	3		5SL63066RC
	10	5SL63106RC		1712.-	1/4
	16	5SL63166RC		1712.-	1/4
	20	5SL63206RC		1712.-	1/4
	25	5SL63256RC		1712.-	1/4
	32	5SL63326RC		1712.-	1/4
	40	5SL63406RC		2365.-	1/4
	50	5SL63506RC		2652.-	1/4
	63	5SL63636RC		2652.-	1/4
	4P, 415V AC 	6		4	5SL64066RC
10		5SL64106RC	2354.-		1/3
16		5SL64166RC	2354.-		1/3
20		5SL64206RC	2354.-		1/3
25		5SL64256RC	2354.-		1/3
32		5SL64326RC	2354.-		1/3
40		5SL64406RC	2938.-		1/3
50		5SL64506RC	3531.-		1/3
63		5SL64636RC	3531.-		1/3

■ Stock items

Note:

* MRP - Maximum Retail Price # 1MW (Module Width) = 18mm

** Purchase MOQ for our authorized dealers is in multiples of standard packing, contact Siemens Sales Office for further details



Betagard Miniature Circuit Breakers 5SL4, with C characteristics

- Standards: IS/IEC 60898-1:2015
- Voltage: Un 240/415V, 50...60Hz[^]
- Breaking capacity: 10kA as per IS/IEC 60898-1
- With ISI marking: CM/L No. 2255548

10000A	Rated Current I_n (A)	MW#	Reference No	Unit MRP* ₹	Std. Pkg.** (Nos.)
	1P, 240/415V AC	1	5SL41057RC	620.-	1/12
	2	5SL41027RC	620.-	1/12	
	3	5SL41037RC	620.-	1/12	
	4	5SL41047RC	620.-	1/12	
	6	5SL41067RC	401.-	1/12	
	8	5SL41087RC	401.-	1/12	
	10	5SL41107RC	401.-	1/12	
	13	5SL41137RC	401.-	1/12	
	16	5SL41167RC	401.-	1/12	
	20	5SL41207RC	401.-	1/12	
	25	5SL41257RC	401.-	1/12	
	32	5SL41327RC	401.-	1/12	
	40	5SL41407RC	874.-	1/12	
	50	5SL41507RC	900.-	1/12	
63	5SL41637RC	900.-	1/12		
	2P, 415V AC	2	5SL42057RC	1755.-	1/6
	2	5SL42027RC	1755.-	1/6	
	3	5SL42037RC	1755.-	1/6	
	4	5SL42047RC	1755.-	1/6	
	6	5SL42067RC	1258.-	1/6	
	8	5SL42087RC	1258.-	1/6	
	10	5SL42107RC	1258.-	1/6	
	13	5SL42137RC	1258.-	1/6	
	16	5SL42167RC	1258.-	1/6	
	20	5SL42207RC	1258.-	1/6	
	25	5SL42257RC	1258.-	1/6	
	32	5SL42327RC	1258.-	1/6	
	40	5SL42407RC	2029.-	1/6	
	50	5SL42507RC	2029.-	1/6	
63	5SL42637RC	2029.-	1/6		
	3P, 415V AC	3	5SL43057RC	2836.-	1/4
	2	5SL43027RC	2836.-	1/4	
	3	5SL43037RC	2836.-	1/4	
	4	5SL43047RC	2836.-	1/4	
	6	5SL43067RC	2113.-	1/4	
	8	5SL43087RC	2113.-	1/4	
	10	5SL43107RC	2113.-	1/4	
	13	5SL43137RC	2113.-	1/4	
	16	5SL43167RC	2113.-	1/4	
	20	5SL43207RC	2113.-	1/4	
	25	5SL43257RC	2113.-	1/4	
	32	5SL43327RC	2113.-	1/4	
	40	5SL43407RC	3197.-	1/4	
	50	5SL43507RC	3197.-	1/4	
63	5SL43637RC	3197.-	1/4		
	4P, 415V AC	4	5SL44057RC	3564.-	1/3
	2	5SL44027RC	3564.-	1/3	
	3	5SL44037RC	3564.-	1/3	
	4	5SL44047RC	3564.-	1/3	
	6	5SL44067RC	2925.-	1/3	
	8	5SL44087RC	2925.-	1/3	
	10	5SL44107RC	2925.-	1/3	
	13	5SL44137RC	2925.-	1/3	
	16	5SL44167RC	2925.-	1/3	
	20	5SL44207RC	2925.-	1/3	
	25	5SL44257RC	2925.-	1/3	
	32	5SL44327RC	2925.-	1/3	
	40	5SL44407RC	3990.-	1/3	
	50	5SL44507RC	3990.-	1/3	
63	5SL44637RC	3990.-	1/3		

■ Stock items

Note: * MRP - Maximum Retail Price # 1MW (Module Width) = 18mm

** Purchase MOQ for our authorized dealers is in multiples of standard packing, contact Siemens Sales Office for further details

^ Suitable for DC networks in Telecom application; 60V DC for 1P & 110V DC for 2P (contact sales office for connection diagram)

Betagard Miniature Circuit Breakers 5SL7, with C characteristics



- Standards: IS/IEC 60898-1:2015
- Voltage: Un 240/415V, 50...60Hz
- Breaking capacity: 15kA¹⁾ as per IS/IEC 60898-1
- With ISI marking: CM/L No. 2255548

	Rated Current I_n (A)	MW#	Reference No	Unit MRP* ₹	Std. Pkg.** (Nos.)
	0.5	1	5SL71057RC	695.-	1/12
	1		5SL71017RC	695.-	1/12
	2		5SL71027RC	685.-	1/12
	4		5SL71047RC	685.-	1/12
	6		5SL71067RC	590.-	1/12
	10		5SL71107RC	590.-	1/12
	16		5SL71167RC	590.-	1/12
	20		5SL71207RC	590.-	1/12
	25		5SL71257RC	590.-	1/12
	32		5SL71327RC	590.-	1/12
	40		5SL71407RC	925.-	1/12
	50		5SL71507RC	935.-	1/12
	63		5SL71637RC	935.-	1/12
	0.5	2	5SL72057RC	1975.-	1/6
	1		5SL72017RC	1975.-	1/6
	2		5SL72027RC	1940.-	1/6
	4		5SL72047RC	1940.-	1/6
	6		5SL72067RC	1410.-	1/6
	10		5SL72107RC	1410.-	1/6
	16		5SL72167RC	1410.-	1/6
	20		5SL72207RC	1410.-	1/6
	25		5SL72257RC	1410.-	1/6
	32		5SL72327RC	1410.-	1/6
	40		5SL72407RC	2125.-	1/6
	50		5SL72507RC	2125.-	1/6
	63		5SL72637RC	2125.-	1/6
	0.5	3	5SL73057RC	3030.-	1/4
	1		5SL73017RC	3030.-	1/4
	2		5SL73027RC	2975.-	1/4
	4		5SL73047RC	2975.-	1/4
	6		5SL73067RC	2245.-	1/4
	10		5SL73107RC	2245.-	1/4
	16		5SL73167RC	2245.-	1/4
	20		5SL73207RC	2245.-	1/4
	25		5SL73257RC	2245.-	1/4
	32		5SL73327RC	2245.-	1/4
	40		5SL73407RC	3345.-	1/4
	50		5SL73507RC	3345.-	1/4
	63		5SL73637RC	3345.-	1/4
	0.5	4	5SL74057RC	3820.-	1/3
	1		5SL74017RC	3820.-	1/3
	2		5SL74027RC	3750.-	1/3
	4		5SL74047RC	3750.-	1/3
	6		5SL74067RC	3005.-	1/3
	10		5SL74107RC	3005.-	1/3
	16		5SL74167RC	3005.-	1/3
	20		5SL74207RC	3005.-	1/3
	25		5SL74257RC	3005.-	1/3
	32		5SL74327RC	3005.-	1/3
	40		5SL74407RC	4210.-	1/3
	50		5SL74507RC	4210.-	1/3
	63		5SL74637RC	4210.-	1/3

Note:

* MRP - Maximum Retail Price # 1MW (Module Width) = 18mm

** Purchase MOQ for our authorized dealers is in multiples of standard packing, contact Siemens Sales Office for further details

¹⁾ Breaking capacity 63A - 10kA

Betagard Miniature Circuit Breakers 5SL7, with D characteristics

- Standards: IS/IEC 60898-1
- Voltage: Un 240/415V, 50...60Hz
- Breaking capacity: 15kA¹⁾ as per IS/IEC 60898-1
- With ISI marking: CM/L No. 2255548

	Rated Current I_n (A)	MW#	Reference No	Unit MRP* ₹	Std. Pkg.** (Nos.)
1P, 240/415V AC 	0.5	1	5SL71058RC	705.-	1/12
	1		5SL71018RC	705.-	1/12
	2		5SL71028RC	685.-	1/12
	4		5SL71048RC	685.-	1/12
	6		5SL71068RC	610.-	1/12
	10		5SL71108RC	610.-	1/12
	16		5SL71168RC	610.-	1/12
	20		5SL71208RC	610.-	1/12
	25		5SL71258RC	610.-	1/12
	32		5SL71328RC	610.-	1/12
	40		5SL71408RC	1190.-	1/12
	50		5SL71508RC	1190.-	1/12
	63		5SL71638RC	1190.-	1/12
2P, 415V AC 	0.5	2	5SL72058RC	2010.-	1/6
	1		5SL72018RC	2010.-	1/6
	2		5SL72028RC	1940.-	1/6
	4		5SL72048RC	1940.-	1/6
	6		5SL72068RC	1490.-	1/6
	10		5SL72108RC	1490.-	1/6
	16		5SL72168RC	1490.-	1/6
	20		5SL72208RC	1490.-	1/6
	25		5SL72258RC	1490.-	1/6
	32		5SL72328RC	1490.-	1/6
	40		5SL72408RC	2745.-	1/6
	50		5SL72508RC	2745.-	1/6
	63		5SL72638RC	2745.-	1/6
3P, 415V AC 	0.5	3	5SL73058RC	3090.-	1/4
	1		5SL73018RC	3090.-	1/4
	2		5SL73028RC	2975.-	1/4
	4		5SL73048RC	2975.-	1/4
	6		5SL73068RC	2360.-	1/4
	10		5SL73108RC	2360.-	1/4
	16		5SL73168RC	2360.-	1/4
	20		5SL73208RC	2360.-	1/4
	25		5SL73258RC	2360.-	1/4
	32		5SL73328RC	2360.-	1/4
	40		5SL73408RC	4280.-	1/4
	50		5SL73508RC	4280.-	1/4
	63		5SL73638RC	4280.-	1/4
4P, 415V AC 	0.5	4	5SL74058RC	3950.-	1/3
	1		5SL74018RC	3950.-	1/3
	2		5SL74028RC	3810.-	1/3
	4		5SL74048RC	3810.-	1/3
	6		5SL74068RC	3120.-	1/3
	10		5SL74108RC	3120.-	1/3
	16		5SL74168RC	3120.-	1/3
	20		5SL74208RC	3120.-	1/3
	25		5SL74258RC	3120.-	1/3
	32		5SL74328RC	3120.-	1/3
	40		5SL74408RC	5380.-	1/3
	50		5SL74508RC	5380.-	1/3
	63		5SL74638RC	5380.-	1/3

Note:

* MRP - Maximum Retail Price # 1MW (Module Width) = 18mm

** Purchase MOQ for our authorized dealers is in multiples of standard packing, contact Siemens Sales Office for further details

¹⁾ Breaking capacity 40A - 63A: 10kA

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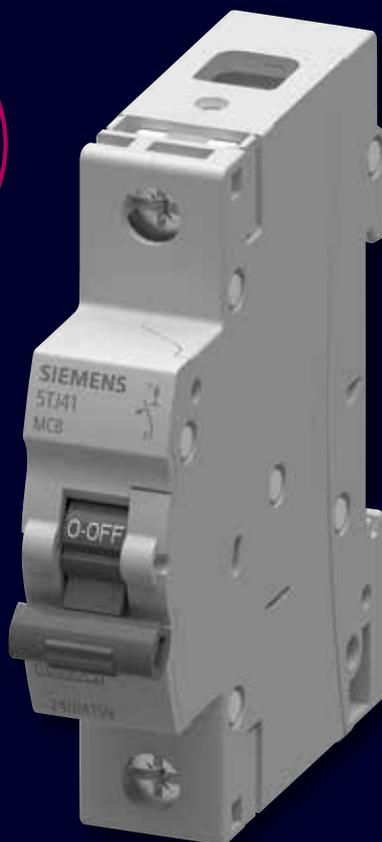
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5SL Circuit Breaker - K & Z Curve

"K" Characteristic Trip Curve:

MCB trips instantaneously when the current flowing through it reaches between 10 to 14 times the rated current.

Suitable for inductive and motor loads with high inrush currents; etc

"Z" Characteristic Trip Curve:

MCB trips when the current flowing through it reaches between 2 to 3 times the rated current, highly sensitive to short circuit current

Suitable for the protection of highly sensitive devices such as semiconductor devices,

- In compliance with standards IEC 60947-2
- Range available from 2A – 63A
- Comprehensive features & accessories in line with 5SL MCB
- For protection in Industrial, Infrastructure, Process Automation, Commercial applications

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Betagard Circuit Breakers 5SL7, with K characteristics



L - 7500266715

- Standards: IS/IEC 60947-2:2016
- Voltage: Un 240/415V, 50...60Hz
- Breaking capacity (Icu): 15kA¹⁾ as per IS/IEC 60947-2

	Rated Current I _n (A)	MW#	Reference No	Unit MRP* ₹	Std. Pkg.** (Nos.)
1P, 240/415V AC 	2	1	5SL71023RC	610.-	1/12
	4		5SL71043RC	610.-	1/12
	6		5SL71063RC	545.-	1/12
	10		5SL71103RC	540.-	1/12
	16		5SL71163RC	545.-	1/12
	20		5SL71203RC	540.-	1/12
	25		5SL71253RC	545.-	1/12
	32		5SL71323RC	545.-	1/12
	40		5SL71403RC	960.-	1/12
	63		5SL71633RC	1125.-	1/12
2P, 415V AC 	2	2	5SL72023RC	1855.-	1/6
	4		5SL72043RC	1855.-	1/6
	6		5SL72063RC	1720.-	1/6
	10		5SL72103RC	1685.-	1/6
	16		5SL72163RC	1720.-	1/6
	20		5SL72203RC	1685.-	1/6
	25		5SL72253RC	1720.-	1/6
	32		5SL72323RC	1720.-	1/6
	40		5SL72403RC	2080.-	1/6
	63		5SL72633RC	2390.-	1/6
3P, 415V AC 	2	3	5SL73023RC	2885.-	1/4
	4		5SL73043RC	2885.-	1/4
	6		5SL73063RC	2640.-	1/4
	10		5SL73103RC	2585.-	1/4
	16		5SL73163RC	2640.-	1/4
	20		5SL73203RC	2585.-	1/4
	25		5SL73253RC	2640.-	1/4
	32		5SL73323RC	2640.-	1/4
	40		5SL73403RC	2940.-	1/4
	63		5SL73633RC	3300.-	1/4
4P, 415V AC 	2	4	5SL74023RC	3680.-	1/3
	4		5SL74043RC	3680.-	1/3
	6		5SL74063RC	3475.-	1/3
	10		5SL74103RC	3405.-	1/3
	16		5SL74163RC	3475.-	1/3
	20		5SL74203RC	3405.-	1/3
	25		5SL74253RC	3475.-	1/3
	32		5SL74323RC	3475.-	1/3
	40		5SL74403RC	3795.-	1/3
	63		5SL74633RC	4270.-	1/3

Note:

* MRP - Maximum Retail Price # 1MW (Module Width) = 18mm

** Purchase MOQ for our authorized dealers is in multiples of standard packing, contact Siemens Sales Office for further details

¹⁾ Breaking capacity 40A - 63A: 10kA

Betagard Circuit Breakers 5SL4, with Z characteristics



L - 7500266715

- Standards: IS/IEC 60947-2:2016
- Voltage: Un 240/415V, 50...60Hz
- Breaking capacity (Icu): 15kA¹⁾ as per IS/IEC 60947-2

	Rated Current I _n (A)	MW#	Reference No	Unit MRP* ₹	Std. Pkg.** (Nos.)
1P, 240/415V AC 	2	1	5SL41020RC	835.-	1/12
	4		5SL41040RC	835.-	1/12
	6		5SL41060RC	656.-	1/12
	10		5SL41100RC	656.-	1/12
	16		5SL41160RC	656.-	1/12
	20		5SL41200RC	656.-	1/12
	25		5SL41250RC	656.-	1/12
	32		5SL41320RC	656.-	1/12
	40		5SL41400RC	865.-	1/12
	63		5SL41630RC	865.-	1/12
2P, 415V AC 	2	2	5SL42020RC	1595.-	1/6
	4		5SL42040RC	1595.-	1/6
	6		5SL42060RC	1505.-	1/6
	10		5SL42100RC	1505.-	1/6
	16		5SL42160RC	1505.-	1/6
	20		5SL42200RC	1505.-	1/6
	25		5SL42250RC	1505.-	1/6
	32		5SL42320RC	1505.-	1/6
	40		5SL42400RC	1745.-	1/6
	63		5SL42630RC	1745.-	1/6
3P, 415V AC 	2	3	5SL43020RC	2528.-	1/4
	4		5SL43040RC	2528.-	1/4
	6		5SL43060RC	2106.-	1/4
	10		5SL43100RC	2106.-	1/4
	16		5SL43160RC	2106.-	1/4
	20		5SL43200RC	2106.-	1/4
	25		5SL43250RC	2106.-	1/4
	32		5SL43320RC	2106.-	1/4
	40		5SL43400RC	2648.-	1/4
	63		5SL43630RC	2648.-	1/4
4P, 415V AC 	2	4	5SL44020RC	2738.-	1/3
	4		5SL44040RC	2738.-	1/3
	6		5SL44060RC	2378.-	1/3
	10		5SL44100RC	2378.-	1/3
	16		5SL44160RC	2378.-	1/3
	20		5SL44200RC	2378.-	1/3
	25		5SL44250RC	2378.-	1/3
	32		5SL44320RC	2378.-	1/3
	40		5SL44400RC	2985.-	1/3
	63		5SL44630RC	2985.-	1/3

Note:

* MRP - Maximum Retail Price # 1MW (Module Width) = 18mm

** Purchase MOQ for our authorized dealers is in multiples of standard packing, contact Siemens Sales Office for further details

Betagard Circuit Breakers 5SY4, with C characteristics

- Standards: IS/IEC 60947-2:2016
- Voltage: Un 240/415V, 50...60Hz
- Breaking capacity (Icu): 15kA¹⁾ as per IS/IEC 60947-2

C characteristic

10000A		Rated Current I _n (A)	MW#	Reference No	Unit MRP* ₹	Std. Pkg.** (Nos.)
	1Pole	80A	1	5SY41807CC	4875.-	1/1
	2Pole		2	5SY42807CC	9585.-	1/1
	3Pole		3	5SY43807CC	14960.-	1/1
	4Pole		4	5SY44807CC	21430.-	1/1

Betagard Miniature Circuit Breakers 5SP4, with C/D characteristics

IS/IEC 60898 - 1



- Standards: IS/IEC 60898-1:2002
- Voltage: Un 240/415V
- Breaking capacity: 10kA as per IS/IEC 60898-1:2002
- With ISI marking: CM/L No. 2255548

C characteristic

10000A		Rated Current I _n (A)	MW#	Reference No	Unit MRP* ₹	Std. Pkg.** (Nos.)
	1-pole	80	1.5	5SP41807RC	4285.-	1/10
		100		5SP41917RC	4520.-	1/10
		125		5SP41927RC	5130.-	1/10
	2-pole	80	3	5SP42807RC	8415.-	1/5
		100		5SP42917RC	8870.-	1/5
		125		5SP42927RC	10040.-	1/5
	3-pole	80	4.5	5SP43807RC	13140.-	1/1
		100		5SP43917RC	13485.-	1/1
		125		5SP43927RC	15455.-	1/1
	4-pole	80	6	5SP44807RC	18845.-	1/1
		100		5SP44917RC	19390.-	1/1
		125		5SP44927RC	22075.-	1/1

D characteristic

	1-pole	80	1.5	5SP41808RC	4720.-	1/10
		100		5SP41918RC	4950.-	1/10
	2-pole	80	3	5SP42808RC	9475.-	1/5
		100		5SP42918RC	10045.-	1/5
	3-pole	80	4.5	5SP43808RC	14595.-	1/1
		100		5SP43918RC	14745.-	1/1
	4-pole	80	6	5SP44808RC	20530.-	1/1
		100		5SP44918RC	21055.-	1/1

Note:

* MRP - Maximum Retail Price

1MW (Module Width) = 18mm

** Purchase MOQ for our authorized dealers is in multiples of standard packing, contact Siemens Sales Office for further details

Betagard Circuit Breakers 5SL5, DC with C Characteristics

- Standards: IS/IEC 60947-2:2016
- Voltage: 220V DC/1P & 440V DC/2P^
- Breaking capacity: 10kA as per IS/IEC 60947-2

10000A	Rated Current I_n (A)	MW#	Reference No	Unit MRP* ₹	Std. Pkg.** (Nos.)
	1P, 220V DC	1	5SL51057RC	1020.-	1/12
		1	5SL51017RC	1020.-	1/12
		2	5SL51027RC	1095.-	1/12
		3	5SL51037RC	1150.-	1/12
		4	5SL51047RC	1095.-	1/12
		6	5SL51067RC	930.-	1/12
		8	5SL51087RC	985.-	1/12
		10	5SL51107RC	930.-	1/12
		16	5SL51167RC	930.-	1/12
		20	5SL51207RC	930.-	1/12
		25	5SL51257RC	930.-	1/12
		32	5SL51327RC	930.-	1/12
		40	5SL51407RC	1395.-	1/12
		50	5SL51507RC	1395.-	1/12
		63	5SL51637RC	1395.-	1/12
	2P, 440V DC	2	5SL52057RC	2215.-	1/6
		1	5SL52017RC	2215.-	1/6
		2	5SL52027RC	2215.-	1/6
		3	5SL52037RC	2320.-	1/6
		4	5SL52047RC	2215.-	1/6
		6	5SL52067RC	1940.-	1/6
		8	5SL52087RC	2035.-	1/6
		10	5SL52107RC	1940.-	1/6
		16	5SL52167RC	1940.-	1/6
		20	5SL52207RC	1940.-	1/6
		25	5SL52257RC	1940.-	1/6
		32	5SL52327RC	1940.-	1/6
		40	5SL52407RC	2870.-	1/6
		50	5SL52507RC	2870.-	1/6
		63	5SL52637RC	2870.-	1/6

■ Stock items

^ For connection diagram, contact Siemens Sales Office for further details.

• Also available DC Circuit Breakers for Solar applications - contact Siemens sales office for further details.

Betagard Isolators 5TL1

- Standard: IS/IEC 60947-3
- Voltage: 440V AC

	Rated Current I_n (A)	MW#	Reference No	Unit MRP* ₹	Std. Pkg.** (Nos.)
	2-pole	2	5TL12400	955.-	1/1
		63	5TL12630	1255.-	1/1
		80	5TL12800	1645.-	1/1
		100	5TL12910	2090.-	1/1
		125	5TL12920	2180.-	1/1
	3-pole	3	5TL13400	1775.-	1/1
		63	5TL13630	1990.-	1/1
		80	5TL13800	2405.-	1/1
		100	5TL13910	2530.-	1/1
		125	5TL13920	2730.-	1/1
	4-pole	4	5TL14400	2080.-	1/1
		63	5TL14630	2370.-	1/1
		80	5TL14800	2850.-	1/1
		100	5TL14910	3425.-	1/1
		125	5TL14920	3710.-	1/1

Note:

* MRP - Maximum Retail Price # 1MW (Module Width) = 18mm

** Purchase MOQ for our authorized dealers is in multiples of standard packing, contact Siemens Sales Office for further details

Betagard Circuit Breakers 5SL5, 4-pole DC with C Characteristics

- Standards: IS/IEC 60947-2:2016
- Voltage: 880V DC/4P[^]
- Breaking capacity: 10kA as per IS/IEC 60947-2

10000A	Rated Current I_n (A)	MW#	Reference No	Unit MRP* ₹	Std. Pkg.** (Nos.)
	4P, 880V DC ¹⁾	4	5SL54067RC	3920.-	1/3
	6		5SL54107RC	3920.-	1/3
	10		5SL54167RC	3920.-	1/3
	16		5SL54257RC	4170.-	1/3
	25		5SL54327RC	4170.-	1/3
	32		5SL54407RC	4905.-	1/3
	40		5SL54637RC	5145.-	1/3
63					

1) Maximum operational voltage 1000V DC

[^] For connection diagram, contact Siemens Sales Office for further details.

Note:

* MRP - Maximum Retail Price # 1MW (Module Width) = 18mm

** Purchase MOQ for our authorized dealers is in multiples of standard packing, contact Siemens Sales Office for further details



SIEMENS



Celebrate Life, while we Care.

Betagard 5SV

Residual Current Circuit Breakers



In the event of a fault,
residual current protective
devices reliably disconnect
power to protect humans

Fault protection

"Protection against indirect contact"

Protects people in the event of contact with electrically conductive parts, if a risk exists as a result of a fault due to the magnitude or duration of the touch voltage



Additional protection

"Protection in case of direct contact" with $I_{\Delta n} = 30\text{mA}$

Protects individuals if they come in direct contact with an active live part under normal operating condition



Fire protection

"Protection from insulation faults" with $I_{\Delta n} = 300\text{mA}$

For the prevention of fires which can be caused by insulation faults in locations exposed to fire hazards



Surge current withstand capability

"Protection surge currents" with $8/20\mu\text{s} > 1000\text{Amp}$

For Type "A"  have a surge current capability to avoid nuisance tripping



Betagard Residual Current Circuit Breakers 5SV



- Standards: IS 12640 (Part 1):2016/ IEC 61008-1:2012
- Voltage: 240/415V AC, 50Hz
- With ISI marking: CM/L No. 7676092

Type AC, applicable in networks for AC residual currents

	Rated residual current $I_{\Delta n}$ (mA)	Rated Current I_n (A)	MW#	Reference No	Unit MRP* ₹	Std. Pkg.** (Nos.)
	30	25	2	5SV43120RC	4525.-	1
	100	25		5SV44120RC	4725.-	1
	300	25		5SV46120RC	4885.-	1
	30	40		5SV43140RC	5305.-	1
	100	40		5SV44140RC	5540.-	1
	300	40		5SV46140RC	5750.-	1
	30	63		5SV43160RC	7095.-	1
	100	63		5SV44160RC	7145.-	1
	300	63		5SV46160RC	7595.-	1
	30	80		5SV43170RC	10965.-	1
	100	80		5SV44170RC	11405.-	1
	300	80		5SV46170RC	11405.-	1
	30	25	4	5SV43420RC	6065.-	1
	100	25		5SV44420RC	6285.-	1
	300	25		5SV46420RC	6515.-	1
	30	40		5SV43440RC	6130.-	1
	100	40		5SV44440RC	6370.-	1
	300	40		5SV46440RC	6615.-	1
	30	63		5SV43460RC	7145.-	1
	100	63		5SV44460RC	7430.-	1
	300	63		5SV46460RC	7695.-	1
	30	80		5SV43470RC	10965.-	1
	100	80		5SV44470RC	11405.-	1
	300	80		5SV46470RC	11405.-	1

Type A, applicable in networks with AC and/or pulsating DC residual currents

	30	25	2	5SV33126RC	8275.-	1
	100	25		5SV34126RC	9755.-	1
	300	25		5SV36126RC	9755.-	1
	30	40		5SV33146RC	9385.-	1
	100	40		5SV34146RC	9775.-	1
	300	40		5SV36146RC	9775.-	1
	30	63		5SV33166RC	13650.-	1
	100	63		5SV34166RC	14035.-	1
	300	63		5SV36166RC	13365.-	1
	30	80		5SV33176RC	14680.-	1
	100	80		5SV34176RC	15790.-	1
	300	80		5SV36176RC	15035.-	1
	30	25	4	5SV33426RC	9810.-	1
	100	25		5SV34426RC	12110.-	1
	300	25		5SV36426RC	12110.-	1
	30	40		5SV33446RC	10940.-	1
	100	40		5SV34446RC	12225.-	1
	300	40		5SV36446RC	12110.-	1
	30	63		5SV33466RC	12380.-	1
	100	63		5SV34466RC	12295.-	1
	300	63		5SV36466RC	12295.-	1
	30	80		5SV33476RC	14880.-	1
	100	80		5SV34476RC	15790.-	1
	300	80		5SV36476RC	15035.-	1

■ Stock items

Note:

* MRP - Maximum Retail Price # 1MW (Module Width) = 18mm

** Purchase MOQ for our authorized dealers is in multiples of standard packing, contact Siemens Sales Office for further details

SENTRON 5SM2

Residual Current Units



RC Units suitable with 5SL7..RC MCBs for complete protection from Residual current, Over load and Short circuit faults



Easy and Fast Installation



Reduced Inventory with range up to 63A in two variants only

Wide portfolio catering to various applications



Confirming to
- IEC/EN 61009-1
- IEC/EN 61009-2-1
- IEC/EN 61543



RoHS compliant



SENTRON Residual Current Units 5SM2

- Standards: In accordance with IEC/EN 61009-1 (VDE 0664-20), IEC/EN 61009-2-1 (VDE 0664-21), IEC/EN 61543 (VDE 0664-30)
- Voltage: 240/415V AC, 50Hz

Type AC, applicable in networks for AC residual currents

	Number of poles	Mounting width MW#	Rated residual current I _{Δn} [mA]	RC Unit-Current Rating [A]	5SL7..RC MCBs- Rated current [A]	Reference No	Unit LP* ₹	Std. Pkg.** (Nos.)
	2	2	10	40	2- 40	5SM21210RC	4275.-	1
			30	40	2- 40	5SM23220RC	3785.-	1
				63	2- 63	5SM23250RC	6220.-	1
			100	40	2- 40	5SM24220RC	4670.-	1
				63	2- 63	5SM24250RC	6775.-	1
	3	3	30	40	2- 40	5SM23320RC	4260.-	1
				63	2- 63	5SM23350RC	6420.-	1
			100	40	2- 40	5SM24320RC	5080.-	1
				63	2- 63	5SM24350RC	6995.-	1
			300	40	2- 40	5SM26320RC	5305.-	1
	63	2- 63	5SM26350RC	7155.-	1			
	4	3	30	40	2- 40	5SM23420RC	4630.-	1
				63	2- 63	5SM23450RC	6005.-	1
			100	40	2- 40	5SM24420RC	5410.-	1
				63	2- 63	5SM24450RC	6265.-	1
			300	40	2- 40	5SM26420RC	5630.-	1
	63	2- 63	5SM26450RC	6425.-	1			

Type A, applicable in networks with AC and/or pulsating DC residual currents

	Number of poles	Mounting width MW#	Rated residual current I _{Δn} [mA]	RC Unit-Current Rating [A]	5SL7..RC MCBs- Rated current [A]	Reference No	Unit LP* ₹	Std. Pkg.** (Nos.)
	2	2	10	40	2- 40	5SM21216RC	4350.-	1
			30	40	2- 40	5SM23226RC	3795.-	1
				63	2- 63	5SM23256RC	6460.-	1
			100	40	2- 40	5SM24226RC	5080.-	1
				63	2- 63	5SM24256RC	5735.-	1
	3	3	30	40	2- 40	5SM23326RC	4305.-	1
				63	2- 63	5SM23356RC	6590.-	1
			100	40	2- 40	5SM24326RC	5140.-	1
				63	2- 63	5SM24356RC	7170.-	1
			300	40	2- 40	5SM26326RC	5355.-	1
	63	2- 63	5SM26356RC	7335.-	1			
	4	3	30	40	2- 40	5SM23426RC	5170.-	1
				63	2- 63	5SM23456RC	6160.-	1
			100	40	2- 40	5SM24426RC	5615.-	1
				63	2- 63	5SM24456RC	6425.-	1
			300	40	2- 40	5SM26426RC	5850.-	1
	63	2- 63	5SM26456RC	6595.-	1			

■ Stock items

Note: * LP - List Price

1MW (Module Width) = 18mm

** Purchase MOQ for our authorized dealers is in multiples of standard packing, contact Siemens Sales Office for further details

**Note: To be used along with 5SL7..RC MCBs. MCBs to be ordered separately.
For MCB prices, refer Page no. 8 & 9 from this pricelist.**

Accessories for Remote control mechanism units for 5SM2 RC Units

Remote control mechanism unit:

Adapter- Mount-on device for combination of RC Units 5SM2..RC and MCBs 5SL7..RC.

Item Description	Mounting width MW#	Reference No	Std. Pkg. ** (Nos.)
RC Mech. Power- 5ST3055 & RC Mech. ARD*- 5ST3057 For 2P- 12 V -30 V AC 12 V -48V DC	2	5ST3820-3 + 5ST3820-6	1
RC Mech. Power- 5ST3055 & RC Mech. ARD*- 5ST3057 For 3P & 4P- 12 V -30 V AC 12 V -48V DC	2	5ST3820-3 + 5ST3820-7	1
RC Mech. Power- 5ST3056 & RC Mech. ARD*- 5ST3058 For 2P- 230 V AC	2	5ST3820-3 + 5ST3820-6	1
RC Mech. Power- 5ST3056 & RC Mech. ARD*- 5ST3058 For 3P & 4P- 230 V AC	2	5ST3820-3 + 5ST3820-7	1
RC Mech. Power- 5ST3070 For 2P- 12 V -30 V AC 12 V -48V DC	2	5ST3820-3 + 5ST3820-6	1
RC Mech. Power- 5ST3070 For 3P & 4P- 12 V -30 V AC 12 V -48V DC	2	5ST3820-3 + 5ST3820-7	1

*- Auto Reclose Device

1MW (Module Width) = 18mm

** Purchase MOQ for our authorized dealers is in multiples of standard packing, contact Siemens Sales Office for further details

Note: All accessories can be mounted on the right-hand side of the RC Unit+MCB assembled device.

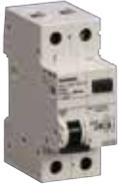
Note: For pricing details of above mentioned MLFBs and for other 5SM2 accessories, Pl refer Page No. 26 of this Pricelist.

Betagard Residual Current Breaker Operators 5SU1, 10kA



- Standards: IS 12640, Part 2:2016/ IEC 61009-1:2012
- Voltage: 240/415V AC, 50Hz
- With ISI marking: CM/L No. 7676193

Type AC, with C Characteristics (in 2 module size)⁵

	Rated residual current I _{Δn} (mA)	Rated Current I _n (A)	MW#	Reference No	Unit MRP* ₹	Std. Pkg.** (Nos.)
	30	6	2	5SU13541RC06	7910.-	1
	30	10		5SU13541RC10	7910.-	1
	30	16		5SU13541RC16	7910.-	1
	30	20		5SU13541RC20	7910.-	1
	30	25		5SU13541RC25	7910.-	1
	30	32		5SU13541RC32	8305.-	1
	30	40		5SU13541RC40	9815.-	1
	300	6		5SU16541RC06	8050.-	1
	300	10		5SU16541RC10	8050.-	1
	300	16		5SU16541RC16	8050.-	1
	300	20		5SU16541RC20	8050.-	1
	300	25		5SU16541RC25	8050.-	1
	300	32		5SU16541RC32	8470.-	1
	300	40		5SU16541RC40	10010.-	1

Type AC with C characteristic

	240V AC; 50Hz; 2 pole	30	32	4	5SU13241RC32	8735.-	1
		40	5SU13241RC40		10175.-	1	
		63	5SU13241RC63		11825.-	1	
	100	32	5SU14241RC32		9640.-	1	
		40	5SU14241RC40		10835.-	1	
		63	5SU14241RC63		12630.-	1	
	300	32	5SU16241RC32		9735.-	1	
		40	5SU16241RC40		10940.-	1	
		63	5SU16241RC63		12630.-	1	
	415V AC; 50Hz; 4 pole	30	32	7	5SU13441RC32	11665.-	1
		40	5SU13441RC40		11875.-	1	
		63	5SU13441RC63		14095.-	1	
	100	32	5SU14441RC32		11810.-	1	
		40	5SU14441RC40		12035.-	1	
		63	5SU14441RC63		13835.-	1	
	300	32	5SU16441RC32		11905.-	1	
		40	5SU16441RC40		12135.-	1	
		63	5SU16441RC63		13965.-	1	

Type AC with D characteristic

	240V AC; 50Hz; 2 pole	30	32	4	5SU13242RC32	11265.-	1
		40	5SU13242RC40		12340.-	1	
		63	5SU13242RC63		14875.-	1	
	100	32	5SU14242RC32		13630.-	1	
		40	5SU14242RC40		14920.-	1	
		63	5SU14242RC63		17035.-	1	
	300	32	5SU16242RC32		13320.-	1	
		40	5SU16242RC40		14920.-	1	
		63	5SU16242RC63		17060.-	1	
	415V AC; 50Hz; 4 pole	30	32	7	5SU13442RC32	15425.-	1
		40	5SU13442RC40		15655.-	1	
		63	5SU13442RC63		18570.-	1	
	100	32	5SU14442RC32		16695.-	1	
		40	5SU14442RC40		17440.-	1	
		63	5SU14442RC63		19340.-	1	
	300	32	5SU16442RC32		16495.-	1	
		40	5SU16442RC40		17610.-	1	
		63	5SU16442RC63		18935.-	1	

Note: * MRP - Maximum Retail Price # 1MW (Module Width) = 18mm ¹⁾ 1P+N variant

** Purchase MOQ for our authorized dealers is in multiples of standard packing, contact Siemens Sales Office for further details

\$ For connecting accessories with 2P 2M RCBO add handle connector 5ST38051

Residual Current Devices

Betagard Residual Current Breaker Operators

5SU1, 10kA

- Standards: IS 12640, Part 2:2016/ IEC 61009-1:2012
- Voltage: 240/415V AC, 50Hz
- With ISI marking: CM/L No. 7676193

Type A, with C Characteristics (in 2 module size)[§]

	Rated residual current $I_{\Delta n}$ (mA)	Rated Current I_n (A)	MW#	Reference No	Unit MRP* ₹	Std. Pkg.** (Nos.)
	240V AC; 50Hz; 2 pole ¹⁾	30	2	5SU13547RC06	14450.-	1
		30		5SU13547RC10	14450.-	1
		30		5SU13547RC16	14450.-	1
		30		5SU13547RC20	14450.-	1
		30		5SU13547RC25	14450.-	1
		30		5SU13547RC32	15105.-	1
		30		5SU13547RC40	18270.-	1
		300		5SU16547RC06	14875.-	1
		300		5SU16547RC10	14875.-	1
		300		5SU16547RC16	14875.-	1
		300		5SU16547RC20	14875.-	1
		300		5SU16547RC25	14875.-	1
		300		5SU16547RC32	15470.-	1
		300		5SU16547RC40	18655.-	1

Type A with C characteristic

	240V AC; 50Hz; 2 pole	30	4	5SU13247RC32	15825.-	1	
				40	5SU13247RC40	17410.-	1
				63	5SU13247RC63	19695.-	1
		100		32	5SU14247RC32	16885.-	1
				40	5SU14247RC40	18760.-	1
				63	5SU14247RC63	21315.-	1
		300		32	5SU16247RC32	16885.-	1
				40	5SU16247RC40	18760.-	1
				63	5SU16247RC63	21315.-	1
	415V AC; 50Hz; 4 pole	30	7	5SU13447RC32	19370.-	1	
				40	5SU13447RC40	20170.-	1
				63	5SU13447RC63	23075.-	1
		100		32	5SU14447RC32	20790.-	1
				40	5SU14447RC40	21180.-	1
				63	5SU14447RC63	23675.-	1
		300		32	5SU16447RC32	20790.-	1
				40	5SU16447RC40	21545.-	1
				63	5SU16447RC63	24045.-	1

Type A with D characteristic

	240V AC; 50Hz; 2 pole	30	4	5SU13248RC32	18465.-	1	
				40	5SU13248RC40	20840.-	1
				63	5SU13248RC63	23710.-	1
		100		32	5SU14248RC32	19865.-	1
				40	5SU14248RC40	22095.-	1
				63	5SU14248RC63	25175.-	1
		300		32	5SU16248RC32	19865.-	1
				40	5SU16248RC40	22095.-	1
				63	5SU16248RC63	25175.-	1
	415V AC; 50Hz; 4 pole	30	7	5SU13448RC32	22860.-	1	
				40	5SU13448RC40	23145.-	1
				63	5SU13448RC63	27300.-	1
		100		32	5SU14448RC32	24080.-	1
				40	5SU14448RC40	25730.-	1
				63	5SU14448RC63	28015.-	1
		300		32	5SU16448RC32	24080.-	1
				40	5SU16448RC40	25730.-	1
				63	5SU16448RC63	28020.-	1

Note: * MRP - Maximum Retail Price

1MW (Module Width) = 18mm

¹⁾ 1P+N variant

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§ For connecting accessories with 2P 2M RCBO add handle connector 5ST38051

Betagard Accessories

Accessories for 5SL / 5SY / 5SP MCBs, 5TL Isolators, 5SV RCCBs, 5SM2 RC Units and 5SU1 RCBOs

	Item Description	Reference No	Unit MRP* ₹	Std. Pkg.** (Nos.)
	Aux contact block (For 5SL/5SY/5SP4/5TL/5SV/5SU1/5SM2)			
	1NO+1NC	5ST3010	1685.-	12
	2NO	5ST3011	1720.-	1
	2NC	5ST3012	1720.-	1
	1CO	5ST3016	2725.-	1
	Fault signal contact (For 5SL/5SY/5SP4/5SV/5SU1/5SM2)			
	1NO+1NC	5ST3020	2475.-	1
	2NO	5ST3021	2520.-	1
	2NC	5ST3022	2520.-	1
	Shunt release (For 5SL5/5SL7/5SY/5SP4/5SV/5SU1/5SM2)			
110...415V AC	5ST3030	6950.-	1/5	
24...48V DC	5ST3031	6950.-	1/5	
Auxiliary and fault signal changeover contact (5SL/5SY/5SP4/5TL/5SV/5SU1/5SM2)				
Auxiliary switch - 1CO	5ST3062	8020.-	1	
Fault contact - 1CO				
	Undervoltage release (For 5SL5/5SL7/5SY/5SP4/5SV/5SU1/5SM2)			
	With integrated aux. switch			
	230V AC	5ST3040	9330.-	1/5
	110V DC	5ST3041	9330.-	1/5
	24V DC	5ST3042	9330.-	1/5
	Without integrated aux. switch			
	230V AC	5ST3043	9330.-	1/5
	110V DC	5ST3044	9330.-	1/5
	24V DC	5ST3045	9330.-	1/5
		Remote control mechanism unit		
Basic version for 5SL, 5SY, 5TL1 and 5SU1 (1P+N only) (12-30)V AC & (12-48)V DC, 1.5MW		5ST3053	41625.-	1
230V AC, 2MW		5ST3054	41625.-	1
Power version for 5SL, 5SY, 5TL1, 5SU1 & 5SM2 (12-30)V AC & (12-48)V DC, 2MW		5ST3055	70440.-	1
230V AC, 2MW		5ST3056	70440.-	1
Power version for 5SM2 (12-30)V AC & (12-48)V DC, 2MW		5ST3070	82195.-	1
Auto Reclose Device Version for 5SM2 (12-30)V AC & (12-48)V DC, 2MW		5ST3057	82195.-	1
230V AC, 2MW		5ST3058	79075.-	1
Adapter for Remote control mechanism (To be ordered along with 5ST305X basic unit)				
For 5SL - 1P & 2P, 5SV - 4P and 5SM2- 2P		5ST38206	880.-	1
For 5SL - 3P & 4P and 5SM2 - 3P & 4P		5ST38207	880.-	1
For 5SY - 1P & 2P and For 5SU1^ - 2P, 4M		5ST38201	880.-	1
For 5SY - 3P & 4P and For 5SU1^ - 4P, 7M		5ST38202	880.-	1
For 5SU1 - 2P, 2M		5ST38205	880.-	1
^ Add-on block for 5SU1 & 5SM2 to be ordered along with Adapter		5ST38203	1915.-	1
	Handle locking device			
	for 5SP and 5SY circuit breakers for padlock with max. 3mm shackle	5ST3801	865.-	1
	for 5SL circuit breakers, 5TL1 isolators and 5SV residual current circuit breakers for padlock with max. 3 to 6 mm shackle	5ST3806	820.-	5
	Pad locks for 5ST3801 and 5ST3806 handle locking devices	5ST3802	555.-	5
	Handle connector for 2P, 2M 5SU1 RCBO ⁵ (1set = 5 units in poly bag)	5ST38051	1725.-	1

Betagard Rotary Handle Assembly

	Item Description	Reference No.	Unit MRP* ₹	Std. Pkg.** (Nos.)
	Rotary Handle Assembly for 5SY, 5SL, 5SP and 5TL1 series of MCBs/ Isolators ⁵⁵	5ST38140RC	3095.-	1

Note: * MRP - Maximum Retail Price # 1MW (Module Width) = 18mm

\$ For 2P, 2M RCBOs, the accessories can be used along with Handle connector only

\$\$ Not suitable for 1P variants

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Multitasking switches for multitasking homes.

Elegant
finishes to enhance the look of your home.



Premium colours and textures
to complement modern finishes on your walls.



Antibacterial switches
for a safe home.



ISI certified
for assured safety.



Environment friendly
RoHS compliant switches.



Comprehensive communication range
type tested as per standards ensuring higher reliability.



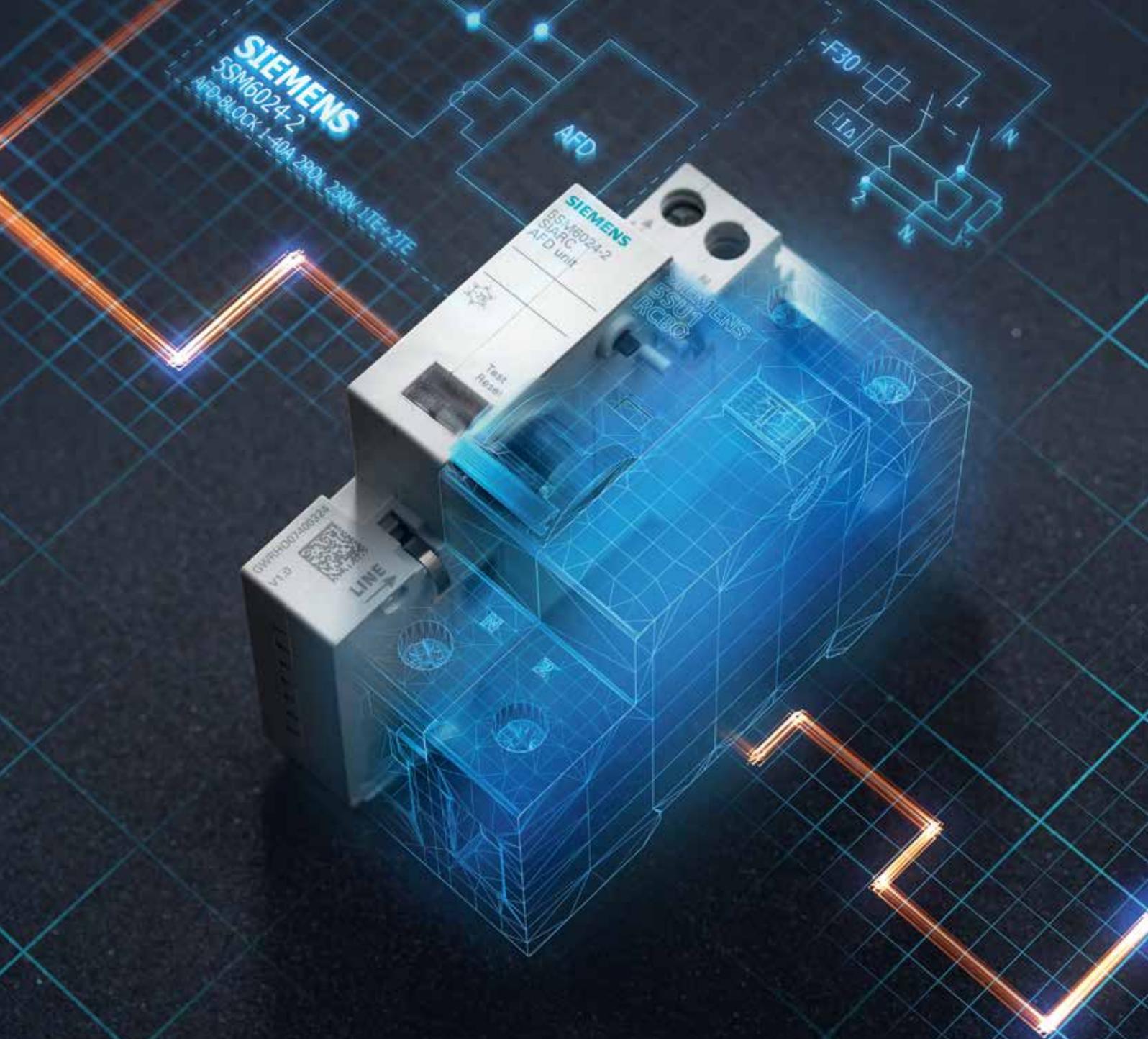
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When homes and offices multitask as online classrooms, home offices, private theaters and more, the Opulenz range multitasks to help you make the most of them. SINOVA Opulenz is a complete range of new age sockets, HDMI receptors, LAN ports, regulators and dimmers in seven exciting colours and two natural textures.



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Arc Fault Detection Device

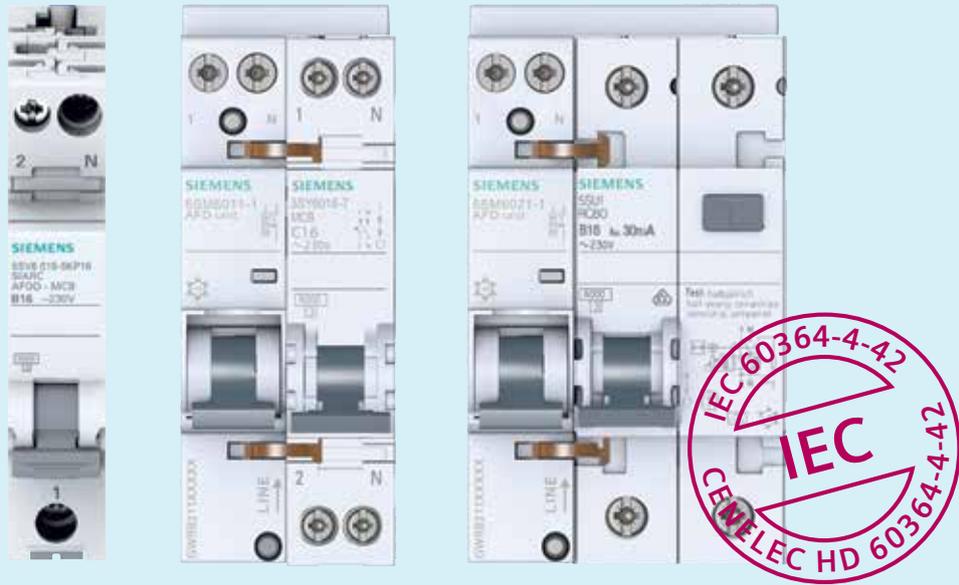
It's Time to Act Now!

With the 5SV6 Arc Fault Detection Device (AFDD), Siemens presents the third generation of fire-prevention product. The 5SV6 Arc Fault Detection Device with integrated miniature circuit breaker (MCB) is the first device on the IEC market with just one module width and is the smallest of its kind worldwide.

A standard-compliant expansion of the electrical installation by protection against electrical fires is thus always possible – easily and without the need for additional space.

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The smart solution.

Whether in an existing plant or a new installation – the 5SV6 AFDD and 5SM6 AFD unit can be deployed in any distribution board. It quickly identifies dangerous faults caused by parallel or serial arcing faults and switches off before a fire occurs. The AFDD detects operational arcing faults and only trips in the event of an actual fault.

55V6 AFDDs with Integrated MCB & RCBO in 18mm width

	Rating	With integrated MCB		With integrated RCBO	Unit LP* ₹	Std. Pkg.** (Nos.)
		B characteristic	C characteristic	30mA, Type A, C characteristic		
	6A	5SV60166KK06	5SV60167KK06	5SV63167KK06	Price on Request	1
	10A	5SV60166KK10	5SV60167KK10	5SV63167KK10		
	13A	5SV60166KK13	5SV60167KK13	5SV63167KK13		
	16A	5SV60166KK16	5SV60167KK16	5SV63167KK16		
	20A	5SV60166KK20	5SV60167KK20	5SV63167KK20		
	25A	5SV60166KK25	5SV60167KK25	5SV63167KK25		
	32A	5SV60166KK32	5SV60167KK32	5SV63167KK32		
	40A	5SV60166KK40	5SV60167KK40	5SV63167KK40		

5SM6 AFDD with integrated MCB

	Rating	Module width	Reference No.	Description	Unit LP* ₹	Std. Pkg.** (Nos.)
	16A	2	5SM60111XX02	AFDD 16A, 230V, 2MW (Integrated with 1MW, 1+N, 16A MCB)	Price on Request	1

5SM6 AFD units (Suitable for add on with RCBO)

	Rating	Module width	Reference No.	Description	Unit LP* ₹	Std. Pkg.** (Nos.)
	16A	3	5SM60212	AFD Unit 1-16A, 230V, 1MW (Suitable for 2P 2M, 5SU1 RCBO)	Price on Request	1
	40A	3	5SM60242	AFD Unit 1-40A, 230V, 1MW (Suitable for 2P 2M, 5SU1 RCBO)		

* LP - List Price

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SENTRON Circuit protection devices with measuring and communication function

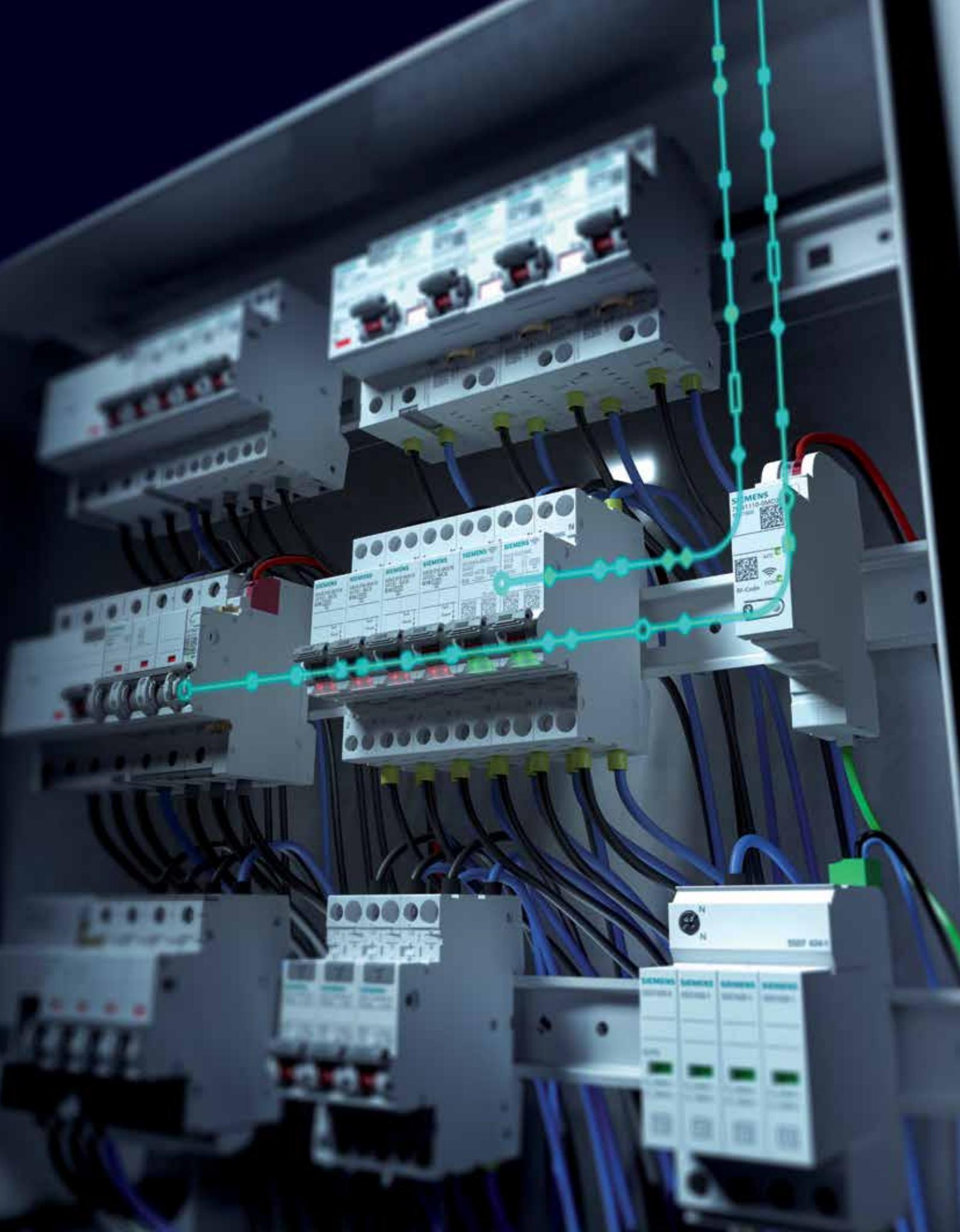


**SENTRON
5SV6 COM
AFDD/MCB**



**SENTRON
Powercenter 1000
data transceiver**





SENTRON AFDD COM 5SV6

	Rating	With integrated MCB		Unit LP* ₹	Std. Pkg.** (Nos.)
		B characteristic	C characteristic		
	6 A	5SV60166MC06	5SV60167MC06	Price on Request	1
	10 A	5SV60166MC10	5SV60167MC10		
	13 A	5SV60166MC13	5SV60167MC13		
	16 A	5SV60166MC16	5SV60167MC16		
	20 A	5SV60166MC20	5SV60167MC20		
	25 A	5SV60166MC25	5SV60167MC25		
	32 A	5SV60166MC32	5SV60167MC32		

SENTRON Powercenter 1000 7KN

	Reference No.	Description	Unit LP* ₹	Std. Pkg.** (Nos.)
	7KN11100MC00	Powercenter1000 max. 24 SENTRON COM devices Modbus TCP Bluetooth Power supply DC 24V	Price on Request	1

* LP - List Price

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Applications:



Operating hours counter

The values measured by the installation device provide information on the electrical consumer's (e.g., an LED) exact operating time allowing for optimized maintenance.



Fault monitoring

A decline of electrical current, voltage or temperature below normal values may hint at a failure of the electrical consumer. An increased electrical current may indicate a defect of connected equipment.



Load management

When a certain number of electrical consumers is active, additional devices cannot be switched on. This prevents current peaks.



Function monitoring

The measured values indicate the execution of an activity by the electrical consumer (e.g., automatic feeders in livestock farming).

SEAMLESS POWER TRANSITIONS, SAFEGUARDING YOUR ENERGY NEEDS

5TR4 Automatic Changeover Current Limiter



Effortlessly manage power transitions with our 5TR4 ACCL, ensuring seamless operations and preventing electrical overload.

Key Features



Heavy Duty-
Conforms to
utilization
category AC32A
(IEC 60947-6-1)



High Endurance
Cycle -Ensuring
efficient and long
life of your ACCL



Safe during Short
circuits - Iq short
circuit of 5kA

Warning &
Alerts -
Overload
indication via
LED & Beep



Standard compliant
Product conforms
to IEC 60947-6-1



Low Power
consumption -
Coil operates
only during
backup supply



For more information-Please contact your nearest Siemens Sales Office.

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Betagard 8GB Distribution Boards

Perfect blend of beauty and features with assured performance

- Complete range for Residential, Commercial and Industrial Infrastructures
- DBs offer latest design with highest aesthetic appeal
- DBs available with type testing as per the latest applicable standards
- User friendly design offers ease during maintenance and assists the installer for correct installation

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Betagard Distribution Boards 8GB32 # SPN and TPN DBs

- Type Tested as per IEC 61439 Standards at third party and internal test laboratories
- Available in IP 20 and IP 43 Versions
- Single Door, Metal Double Door and Acrylic Double Door options available
- Standard Wire Way Boxes available for all Single Door and Double Door DBs
- Additional safety with Insulated Shorting Links, Shrouded Neutral Links and Door Earthing
- TPN DBs can be easily made suitable for PPI configuration using TPN to PPI Conversion Kits
- Detachable DIN rail assembly and intermittent door facilitates ease in Wiring during installation and maintenance
- DBs are subjected to Seven tank process and treated with premium quality powder coating
- Cement Masking Sheet protects the DBs against extreme site conditions

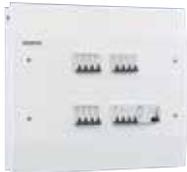
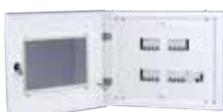
	Item Description	Incoming Slots (MW)	Outgoing Slots (MW)	Total Slots (MW)	Reference No	Unit MRP* ₹	Std. Pkg.** (Nos.)
Metal Enclosures, IP20:							
	1 Module	-	-	1	8GB32100RC01	960.-	1/20
	2 Module	-	-	2	8GB32100RC02	1430.-	1/20
	3 Module	-	-	3	8GB32100RC03	1430.-	1/20
	4 Module	-	-	4	8GB32100RC04	1430.-	1/20
	6 Module	-	-	6	8GB32100RC06	1885.-	1/20
	8 Module	-	-	8	8GB32100RC08	2220.-	1/10
SPN Single Door DBs#, IP20:							
	6 Module	2	4	6	8GB32101RC06	2825.-	1
	8 Module	2	6	8	8GB32101RC08	3000.-	1
	10 Module	2	8	10	8GB32101RC10	3610.-	1
	12 Module	2	10	12	8GB32101RC12	3740.-	1
	14 Module	2	12	14	8GB32101RC14	4225.-	1
	16 Module	2	14	16	8GB32101RC16	4555.-	1
SPN Metal Double Door DBs#, IP 43:							
	6 Module	2	4	6	8GB32102RC06	4410.-	1
	8 Module	2	6	8	8GB32102RC08	4580.-	1
	10 Module	2	8	10	8GB32102RC10	5330.-	1
	12 Module	2	10	12	8GB32102RC12	5470.-	1
	14 Module	2	12	14	8GB32102RC14	6380.-	1
	16 Module	2	14	16	8GB32102RC16	6535.-	1
SPN Acrylic Double Door DBs#, IP 43:							
	6 Module	2	4	6	8GB32103RC06	5180.-	1
	8 Module	2	6	8	8GB32103RC08	5470.-	1
	10 Module	2	8	10	8GB32103RC10	6380.-	1
	12 Module	2	10	12	8GB32103RC12	6845.-	1
	14 Module	2	12	14	8GB32103RC14	7145.-	1
	16 Module	2	14	16	8GB32103RC16	7450.-	1
Wire Way Box For SPN Single Door IP 20 DBs:							
	For 6 MOD SPN Single door DB	-	-	-	8GB32106RC06	1860.-	1/5
	For 8 MOD SPN Single door DB	-	-	-	8GB32106RC08	1860.-	1/5
	For 10 MOD SPN Single door DB	-	-	-	8GB32106RC10	2005.-	1/5
	For 12 MOD SPN Single door DB	-	-	-	8GB32106RC12	2005.-	1/5
	For 14 MOD SPN Single door DB	-	-	-	8GB32106RC14	2310.-	1/5
	For 16 MOD SPN Single door DB	-	-	-	8GB32106RC16	2310.-	1/5
Wire Way Box For SPN Double Door IP 43 DBs:							
	For 6 MOD SPN Double door DB	-	-	-	8GB32107RC06	2005.-	1/5
	For 8 MOD SPN Double door DB	-	-	-	8GB32107RC08	2005.-	1/5
	For 10 MOD SPN Double door DB	-	-	-	8GB32107RC10	2175.-	1/5
	For 12 MOD SPN Double door DB	-	-	-	8GB32107RC12	2175.-	1/5
	For 14 MOD SPN Double door DB	-	-	-	8GB32107RC14	2765.-	1/5
	For 16 MOD SPN Double door DB	-	-	-	8GB32107RC16	2765.-	1/5

Note: * MRP - Maximum Retail Price # Also available in flat door option

For Customized Solutions in Distribution Boards please Contact our sales Office

** Purchase MOQ for our authorized dealers is in multiples of standard packing, contact Siemens Sales Office for further details

Betagard Distribution Boards 8GB32 # SPN and TPN DBs

	Item Description	Incoming Slots (MW)	Outgoing Slots (MW)	Total Slots (MW)	Reference No	Unit MRP* ₹	Std. Pkg.** (Nos.)
TPN Single Door DBs#, IP20:							
	4 way	8	12	20	8GB32201RC04	7300.-	1
	6 way	8	18	26	8GB32201RC06	8290.-	1
	8 way	8	24	32	8GB32201RC08	10005.-	1
	10 way	8	30	38	8GB32201RC10	14515.-	1
	12 way	8	36	44	8GB32201RC12	14825.-	1
	14 way	8	42	50	8GB32201RC14	17000.-	1
	16 way	8	48	56	8GB32201RC16	17635.-	1
TPN Metal Double Door DBs#, IP 43							
	4 way	8	12	20	8GB32202RC04	8915.-	1
	6 way	8	18	26	8GB32202RC06	10780.-	1
	8 way	8	24	32	8GB32202RC08	12955.-	1
	10 way	8	30	38	8GB32202RC10	18715.-	1
	12 way	8	36	44	8GB32202RC12	19180.-	1
	14 way	8	42	50	8GB32202RC14	22765.-	1
	16 way	8	48	56	8GB32202RC16	23410.-	1
TPN Acrylic Double Door DBs#, IP 43							
	4 way	8	12	20	8GB32203RC04	10780.-	1
	6 way	8	18	26	8GB32203RC06	13270.-	1
	8 way	8	24	32	8GB32203RC08	15915.-	1
	10 way	8	30	38	8GB32203RC10	20760.-	1
	12 way	8	36	44	8GB32203RC12	24160.-	1
	14 way	8	42	50	8GB32203RC14	25880.-	1
	16 way	8	48	56	8GB32203RC16	27620.-	1
TPN to PPI Conversion Kit®							
	To convert 6 way TPN DB to 4 way TPN PPI DB				8GB32205RC04	5625.-	1/5
	To convert 8 way TPN DB to 6 way TPN PPI DB				8GB32205RC06	6560.-	1/5
	To convert 10 way TPN DB to 8 way TPN PPI DB				8GB32205RC08	6725.-	1/5
	To convert 12 way TPN DB to 10 way TPN PPI DB				8GB32205RC10	7180.-	1/5
	To convert 14 way TPN DB to 12 way TPN PPI DB				8GB32205RC12	7665.-	1/5
	To convert 16 way TPN DB to 14 way TPN PPI DB				8GB32205RC14	8110.-	1/5
	Wire Way Box For TPN Single Door IP 20 DBs						
	For 4 Way TPN Single door DB	-	-	-	8GB32206RC04	2375.-	1/5
	For 6 Way TPN Single door DB	-	-	-	8GB32206RC06	2375.-	1/5
	For 8 Way TPN Single door DB	-	-	-	8GB32206RC08	4240.-	1/5
	For 10 Way TPN Single door DB	-	-	-	8GB32206RC10	5330.-	1/5
	For 12 Way TPN Single door DB	-	-	-	8GB32206RC12	5480.-	1/5
	For 14 Way TPN Single door DB	-	-	-	8GB32206RC14	5625.-	1/5
	For 16 Way TPN Single door DB	-	-	-	8GB32206RC16	5960.-	1/5
Wire Way Box For TPN Double Door IP 43 DBs							
	For 4 Way TPN Double door DB	-	-	-	8GB32207RC04	2520.-	1/5
	For 6 Way TPN Double door DB	-	-	-	8GB32207RC06	2845.-	1/5
	For 8 Way TPN Double door DB	-	-	-	8GB32207RC08	4535.-	1/5
	For 10 Way TPN Double door DB	-	-	-	8GB32207RC10	4860.-	1/5
	For 12 Way TPN Double door DB	-	-	-	8GB32207RC12	5960.-	1/5
	For 14 Way TPN Double door DB	-	-	-	8GB32207RC14	6260.-	1/5
	For 16 Way TPN Double door DB	-	-	-	8GB32207RC16	6435.-	1/5

Note: * MRP - Maximum Retail Price

@ Contains required accessories to Make the DB suitable for PPI Configuration
For Customized Solutions in Distribution Boards please Contact our sales Office

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Also available in flat door option

Betagard Distribution Boards 8GB32 TPN Phase Segregated DBs

Item Description	Incoming Slots (MW)	Sub-Incomer Slots (MW)	Outgoing Slots (MW)	Total Slots (MW)	Reference No	Unit MRP* ₹	Std. Pkg.** (Nos.)
TPN Phase segregated DBs, IP 20 For MCB as incomer							
4 Way	12	12	12	36	8GB32001RC04	19545.-	1
6 Way	12	12	18	42	8GB32001RC06	21980.-	1
8 Way	12	12	24	48	8GB32001RC08	25660.-	1
12 Way	12	12	36	60	8GB32001RC12	30550.-	1
TPN Phase segregated DBs, (8 segment) IP 43 For MCB as incomer							
4 way	12	12	12	36	8GB32002RC04	23215.-	1
6 way	12	12	18	42	8GB32002RC06	26880.-	1
8 way	12	12	24	48	8GB32002RC08	30550.-	1
12 way	12	12	36	60	8GB32002RC12	36650.-	1
TPN Phase segregated DBs, IP 43 for MCCB as incomer upto 160A							
6 way		12	18	30	8GB32012RC06	41520.-	1
8 way		12	24	36	8GB32012RC08	47640.-	1
12 way		12	36	48	8GB32012RC12	53750.-	1
Wire Way box for MCB Incomer, IP 43 DBs							
For 4 Way	-	-	-	-	8GB32007RC04	6095.-	1
For 6 Way	-	-	-	-	8GB32007RC06	7320.-	1
For 8 Way	-	-	-	-	8GB32007RC08	8535.-	1
For 12 Way	-	-	-	-	8GB32007RC12	9760.-	1
Wire Way box for MCCB Incomer, IP 43 DBs							
For 6 Way	-	-	-	-	8GB32017RC06	7320.-	1
For 8 Way	-	-	-	-	8GB32017RC08	8535.-	1
For 12 Way	-	-	-	-	8GB32017RC12	9760.-	1

Betagard Distribution Board 8GB



Note: * MRP - Maximum Retail Price

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Industrial plug & sockets

	Item Description	Total Slots (MW)	Reference No	Unit MRP* ₹	Std. Pkg.** (Nos.)
Plug & Socket, IP20 with provision for MCB mounting :					
	1 Phase 20A, 1P MCB	1	8GB0501RC	3170.-	1/20
	1 Phase 20A, 2P MCB	2	8GB0501SRC	3170.-	1/20
	3 Phase 32A, 3P MCB	3	8GB0502	6715.-	1/15
	3 Phase 32A, 3P+N MCB	4	8GB0502S	6715.-	1/15
	5 Pin (3P+N+PE) 3Phase 32A MCB 3P+N MCB	8	8GB050332	10605.-	1/5
	5 Pin (3P+N+PE) 3Phase 63A MCB 3P+N MCB	8	8GB050363	27630.-	1/5

Simbox WP

	Item Description	Total Slots (MW)	Reference No	Unit MRP* ₹	Std. Pkg.** (Nos.)
Simbox WP (IP65 DBs)					
	1 Row, 4Mod	4	8GB13710	9540.-	1
	1 Row 8Mod	8	8GB13711	12115.-	1
	1 Row 12Mod	12	8GB13712	21630.-	1
	1 Row 18Mod	18	8GB13713	28015.-	1
	2 Row 2 x 12Mod	24	8GB13722	34585.-	1
	2 Row, 2 x 18Mod	36	8GB13723	48760.-	1
	3 Row, 3 x 18Mod	54	8GB13733	85760.-	1
	4 Row 4 x 18Mod	72	8GB13743	112360.-	1
Accessories for Simbox WP					
	Coupling covers, 12M		8GB20510	3120.-	1
	Coupling covers, 18M		8GB20511	3500.-	1
	Insulated N/PE terminals, 8MW		8GB20520	4860.-	1
	Insulated N/PE terminals, 12MW		8GB20521	7435.-	1
	Insulated N/PE terminals, 18MW		8GB20522	10925.-	1
	Cylindrical security lock		8GB20550	8865.-	1

Note: * MRP - Maximum Retail Price

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Betagard Distribution Boards Accessories

	Item Description	Reference No	Unit MRP* ₹	Std. Pkg.** (Nos.)
Blanking Plate				
	1 MW	8GB9901	120.-	25
Insulated Shorting Links				
Single Phase Shorting Links for Shorting 1P MCBs				
For SPN and TPN PPI DB				
	5 Leg SP Shorting Link	8GB9905LSP	370.-	10
	7 Leg SP Shorting Link	8GB9907LSP	435.-	10
	9 Leg SP Shorting Link	8GB9909LSP	510.-	10
	11 Leg SP Shorting Link	8GB9911LSP	535.-	10
	13 Leg SP Shorting Link	8GB9913LSP	720.-	10
	15 Leg SP Shorting Link	8GB9915LSP	870.-	10
	17 Leg SP Shorting Link	8GB9917LSP	915.-	10
For TPN DB				
	4 Leg SP Shorting Link	8GB9904LSP	370.-	10
	6 Leg SP Shorting Link	8GB9906LSP	435.-	10
	8 Leg SP Shorting Link	8GB9908LSP	510.-	10
	10 Leg SP Shorting Link	8GB9910LSP	535.-	10
	12 Leg SP Shorting Link	8GB9912LSP	720.-	10
	14 Leg SP Shorting Link	8GB9914LSP	870.-	10
	16 Leg SP Shorting Link	8GB9916LSP	915.-	10
Two Phase, 1 meter long for shorting 2P MCBs (suitable for maximum of 28 nos. 2MW devices)				
	Shorting link without End caps, Can be cut and used.	8GB990SLDLP	9040.-	1
	End Caps for 2 pole Shorting Links	8GB990ECLDP	150.-	10
Three Phase, 1 meter long for shorting 3P MCBs (suitable for maximum of 19 nos. 3MW devices)				
	Shorting link without Enc caps, Can be cut and used.	8GB990SLLTP	9890.-	1
	End Caps for 3 pole Shorting Links	8GB990ECLTP	220.-	10
Three Phase + N, 1 meter long for shorting TPN MCBs (suitable for maximum of 14 nos. 4MW devices)				
	Shorting link without Enc caps, Can be cut and used.	8GB990SLLTPN	10455.-	1
	End Caps for 3 pole Shorting Links	8GB990ECLTPN	280.-	10
Neutral Terminals				
Neutral Terminals For 8GB0 and 8GB31 DBs (Along with Mounting Stands)				
	5 Way Neutral Link	8GB9905NL	400.-	10
	11 Way Neutral Link	8GB9911NL	590.-	10
	13 Way Neutral Link	8GB9913NL	670.-	10
	15 Way Neutral Link	8GB9915NL	755.-	10
Neutral Terminals For 8GB32 DBs (With Terminal Shroud and Cover)				
	Neutral Terminal 5 Holes	8GB9905NPE	435.-	10
	Neutral Terminal 11 Holes	8GB9911NPE	600.-	10
	Neutral Terminal 13 Holes	8GB9913NPE	720.-	10
	Neutral Terminal 15 Holes	8GB9915NPE	795.-	10
Earth Terminals				
	5 Way Earth Link	8GB9905EL	335.-	10
	11 Way Earth Link	8GB9911EL	565.-	10
	13 Way Earth Link	8GB9913EL	600.-	10
	15 Way Earth Link	8GB9915EL	720.-	10

Note: * MRP - Maximum Retail Price

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5SD Surge Protection Devices

Safe & Reliable

Surge Protection Devices are available in the following types:

Type 1 - For incoming power supply panels, in buildings with lightning protection system. Must be accompanied by downstream SPD

Type 2 - For distribution panels located downstream of Type 1 protectors or in incoming supply panels in areas of low exposure to lightning strikes, where the building is not fitted with lightning protection system

Type 3 - Always installed downstream of Type 2 protection designed to protect sensitive equipment or equipment located more than 20m downstream of Type 2 SPD

Surge Protection Devices

For protection of equipment against Lightning and Switching surges

- Standard: IEC 61643-11 / EN 61643-11
- Type 1, Type 2 and Photovoltaic surge protection
- With Remote signaling contact
- Integrated SPD health indicator

Type 1: Lightning Surge Arresters

- Maximum continuous operating voltage U_c : 350V



Reference No.	Rated voltage	Pole	Module width	Total I_{imp} (10/350 μ s)	I_{max} (8/20 μ s)	Remote status	Unit LP* ₹
5SD74121RC	240V AC	1P+N	4	50kA	50kA	Yes	24970.-
5SD74141RC	240/415V AC	3P+N	8	100kA	50kA	Yes	48600.-

Type 2: Surge Arresters



Reference No.	Rated voltage	Pole	Module width	U_c	I_{max} (8/20 μ s)	Remote status	Unit LP* ₹
5SD74610RC	240V AC	1P	1	335V AC	20kA	No	4080.-
5SD74640RC	240/415V AC	3P+N	4	335V AC	40kA	No	12135.-

Surge Arresters for Photovoltaic application

On the DC side, over voltage protection is required for the inverters which can be ensured by using 5SD74836RC.

On the AC side, the over voltage protection can be ensured using surge arresters Type 2 (5SD7461-0RC/5SD7464-0RC)



Reference No.	Rated voltage	Pole	Module width	U_{cpv}	I_{max} (8/20 μ s)	Remote status	Unit LP* ₹
5SD74836RC	1170V DC	L+ and L-	3	1170V DC	40kA	No	6895.-

Note: Standard packing: 1 unit

*LP: List Price



Surge Protection Devices

For protection of equipment against Lightning and Switching surges

Type 1: Lightning Surge Arresters

For TN-S/ TT system

Lightning arresters, Type 1 requirement class B, U_c 350V Pluggable protective modules 4-pole, 3+1 circuit for TN-S and TT systems with remote display



5SD74121



5SD74141

Rated voltage U_N	Backup fuse rating	Protection level	Lightening impulse current $I_{imp}(10/350\mu s)$		Pole	Reference No.	Unit LP* ₹
			L-N or L-(PE), 1P/3P	N-PE			
240V AC	125A gL/gG	1.5-2.5kV	25kA	100kA	1P+N	5SD74121	89890.-
240/415V AC	125A gL/gG	1.5-2.5kV	25kA/75kA	100kA	3P+N	5SD74141	152485.-

For TN-C system

Lightning arresters, Type 1 requirement class B, U_c 350V Pluggable protective modules 3-pole, 3+0 circuit for TNC systems with remote display



5SD74131

Rated voltage U_N	Backup fuse rating	Protection level	Lightening impulse current $I_{imp}(10/350\mu s)$		Pole	Reference No.	Unit LP* ₹
			L-N or L-(PE), 1P/3P	N-PE			
240/415V AC	125A gL/gG	$\leq 1.5kV$	25kA/75kA	-	3P	5SD74131	119285.-

Type 2 : Surge Arresters

For TN-S/ TT system

Surge arrester Type 2 requirement class C, U_c :350V/260V (L-N/N-PE) Pluggable protective modules 4-pole, 3+1 circuit for TN-S and TT AC systems

Rated Discharge Surge Current $I_n=20kA$ SC capacity with backup fuse=25kA



5SD74641



5SD7422-0

Rated voltage U_N	Backup fuse rating	Protection level U_p	Rated discharge current I_n (8/20usec)		Pole	Remote signaling	Reference No.	Unit LP* ₹
			L-N or L-(PE), 1P/3P	N-PE				
240/415V	80A gL/gG	1.5-1.9kV	40kA	40kA	3P+N	No	5SD74640	47260.-
240/415V	80A gL/gG	1.5-1.9kV	40kA	40kA	3P+N	Yes	5SD74641	34870.-
240V	80A gL/gG	1.5-1.9kV	20kA	20kA	1P+N	No	5SD74220	27400.-
240V	80A gL/gG	1.5-1.9kV	20kA	20kA	1P+N	Yes	5SD74221	30250.-

For TN-C system

Surge arrester Type 2 requirement class C, U_c :350V Pluggable protective modules 3-pole, 3+0 circuit for TNC systems



5SD7463-0

Rated voltage U_N	Backup fuse rating	Protection level U_p	Maximum discharge surge current I_{max}	Pole	Remote signaling	Reference No.	Unit LP* ₹
			L-N or L-(PE)N, 1P				
240/415V	80A gL/gG	$\leq 1.5kV$	40kA	3P	No	5SD74630	40420.-
240/415V	80A gL/gG	$\leq 1.5kV$	40kA	3P	Yes	5SD74631	42270.-

L - Line, N - Neutral, PE - Protective Earth

Note: Standard packing: 1unit

* LP : List Price

Surge Protection Devices

For protection of equipment against Lightning and Switching surges

Type 3 : Surge Arresters

	Rated voltage	Rated current	Protection level	Rated discharge current	Pole	Reference No.	Unit LP* ₹
	24V AC 34V DC	26A	0.65kV	1kA	2P	5SD74325	19160.-
	120V AC 150V DC	26A	0.95kV	3kA	2P	5SD74326	20875.-
	240V AC 240V DC	26A	1.5kV	3kA	2P	5SD74327	21435.-

Surge arresters for photovoltaic application

Due to the combination of three power varistors, the overvoltage protection required for the inverters is implemented on the DC side. On the AC side, the overvoltage protection can be ensured using surge arresters type 2 (5SD7422-/5SD7424-)

	Rated voltage U _N	Rated discharge current	Protection level U _p	Lightning Impulse current (L-N/L-(PE)N)	Max. discharge current	Pole	Remote signaling	Reference No.	Unit LP* ₹
 5SD74836	1000V DC	15kA	≤3.5kV	≤5kA	40kA	3P	No	5SD74836	39740.-

Replacement Plug

	SPD Type	Type	Connection	Reference No.	Unit LP* ₹
	5SD74121	Type 1	L-N	5SD74181	33630.-
	5SD74131				
	5SD74141				
	5SD74121		N-PE	5SD74180	35250.-
	5SD74131				
	5SD74141				
	5SD7463-0/1	Type 2	L-N	5SD74681	9875.-
	5SD7464-0/1				
	5SD7464-0/1		N-PE	5SD74880	12385.-
	5SD7422-0/1				
	5SD7422-0/1	N-PE	5SD74281	9875.-	
	5SD7422-0/1				
5SD7422-0/1	N-PE	5SD74280	12860.-		
5SD7483-6				PV	-

* Also available Type 1+ Type 2 and Type1/2 Compact SPDs for protection against overvoltages from Lightning strikes as well as by switching operations in network

Note:

Standard packing: 1unit

* LP - List Price



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For efficient control and monitoring

- 7LF time switch - Digital and Analog timers for all applications; available in Mini, Top, Profi, Astro, Expert and Expert GPS variants
- 5TT5 insta contactors – For all control applications; also with Manual/Automatic switching indicator
- DIN mounted phase indicators, monitoring relays and measuring devices for final distribution circuits
- Twilight Switch for Automatic Street Light Control

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SIEMENS

Modular Devices

	Item Description	Rated Current I_n (A)	MW#	Reference No	Unit LP* ₹	Std. Pkg.** (Nos.)
Changeover switches						
Standards: IEC 60947-3/DIN EN 60947-3						
	1C/O, 230V	20	1	5TE8161	4150.-	1/10
	2C/O, 400V	20	1	5TE8162	6270.-	1/10
	Group switch, center position, 2C/O, 400V	20	1	5TE8142	7575.-	1/10
Insta Contactors						
Standards: EN 60947-4-1, EN 60947-5-1						
	2NO contacts, 230V AC	20	1	5TT58000	5010.-	1/5
	3NO+1NC contacts, 230V AC/220V DC (1NC contact rated for 30A)	40	3	5TT58410	13700.-	1/5
	3NO+1NC contacts, 24V AC/24V DC (1NC contact rated for 30A)	40	3	5TT58412	13765.-	1/5
	4NO contacts, 230V AC/220V DC	40	3	5TT58400	13805.-	1/5
	4NO contacts, 24V AC/24V DC	40	3	5TT58402	13785.-	1/5
	3NO+1NC contacts, 230V AC/220V DC (1NC contact rated for 30A)	63	3	5TT58510	21450.-	1/5
	3NO+1NC contacts, 24V AC/24V DC, (1NC contact rated for 30A)	63	3	5TT58512	21840.-	1/5
	4NO contacts, 230V AC/220V DC	63	3	5TT58500	17495.-	1/5
	4NO contacts, 24V AC/24V DC	63	3	5TT58502	17530.-	1/5
Insta Contactors Manual / Automatic with Switching Indicator						
Standards: IEC60947-4-1, IEC60947-5-1						
	2NO contacts, 230V AC	20	1	5TT58006	6665.-	1/5
	1NO+1NC contacts, 230V AC	20	1	5TT58016	9800.-	1/5
	4NO contacts, 230V AC	25	2	5TT58306	10075.-	1/5
	4NO contacts, 400V AC	40	3	5TT58406	20280.-	1/5
	4NO contacts, 400V AC	63	3	5TT58506	26570.-	1/5
Accessories						
	Control Switch with 1 Make and 1 Break Contact For AC 230V/400V For 5TT58 and 5TT50			5TT59101	6110.-	1/10

Note:

* LP - List Price # 1MW (Module Width) = 18mm

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Modular Devices

	Item Description	Rated Current I _n (A)	MW#	Reference No	Unit LP* ₹	Std. Pkg.** (Nos.)
Twilight switch						
	Twilight Switch with light sensor 230 V, 50/60 Hz, 1MW, 16A			7LQ2300	54965.-	1
Voltage Relays Standards: IEC 60255, DIN VDE 0435-303						
	Voltage relay for undervoltage monitoring of 1,2,3 phases against N with phase failure detection, Switching thresholds 0.7-0.9xV, not adjustable; 2 C/O contacts, 4A, 230/400V AC	4	2	5TT3402	22195.-	1
	Voltage relay for undervoltage monitoring of 1,2,3 phases against N, short time failure detection with phase failure detection and N conductor monitoring, Switching thresholds 0.8-0.85xV, not adjustable; 2 C/O contacts, 230/400V AC	4	2	5TT3407	40605.-	1
	Voltage relay for over and undervoltage monitoring of 3 phases against N with asymmetry, reverse voltage and phase failure detection with N conductor monitoring and adj. Time delay of 0.1 to 20s, Switching thresholds: U/voltage 0.7-1.1xV, 4% hysteresis, adjustable, O/voltage 0.9-1.1xV, 4% hysteresis, adjustable; 2 C/O contacts, 230/400V AC	4	2	5TT3408	41800.-	1
RYG 3 phase indicator in 1MW						
	3 phase indicator (all with green color cap)		1	5TE5802	5580.-	1/10
	3 phase indicator (red/yellow/green)		1	5TE5803	5310.-	1/10
	Transparent cap (1 set = 3 items, R, Y, G lens)			5TG8070	1425.-	1/10
Power ON Indicator (Economy Version) 230 V AC, 1 Phase						
	Light indicators for max. cable length up to 5 m with 1 red lamp		1	5TE5800	3330.-	1/12
	Light indicators for max. cable length up to 250 m with 1 red lamp		1	5TE5804	4230.-	1/12
	Transparent cap (Red) (1 set 5x each red/transparent)			5TG8061	1840.-	5
	Transparent cap (Green) (1 Set with 5x each green/transparent)			5TG8062	1840.-	5
	Transparent cap (Yellow) (1 Set with 5x each yellow/transparent)			5TG8063	1840.-	5
	Transparent cap (Blue) (1 Set with 5x each blue/transparent)			5TG8064	1840.-	5
Fuse Monitor						
	Fuse monitors with transparent caps for all low voltage fuse systems, 230V AC	4	2	5TT3170	17410.-	1

Note:

* LP - List Price # 1MW (Module Width) = 18mm

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Modular Devices

	Item Description	Rated Current I_n (A)	MW#	Reference No	Unit LP* ₹	Std. Pkg.** (Nos.)
Time Switches (Digital)						
	Mini digital, daily/weekly program, 100 hours reserve, 230V AC	16	1	7LF45015	12960.-	1
	Yearly time switch top digital 230V, 1 channel	16	2	7LF45110	15870.-	1
	Yearly time switch top digital 230V, 2 channel	16	2	7LF45120	30380.-	1
	Weekly time switch profi digital 230V, 1 channel	16	2	7LF45210	28300.-	1
	Weekly time switch profi digital 230V, 2 channel	16	2	7LF45220	36605.-	1
	Weekly time switch astro digital 230V, 1 channel	16	2	7LF45310	28530.-	1
	Weekly time switch astro digital 230V, 2 channel	16	2	7LF45320	47700.-	1
Time Switches (Mechanical) Standards: EN 60730-1						
 7LF53005	Quartz time switch Day 1 NO 230V/50-60Hz 1 MW with power reserve	16	1	7LF53011	17560.-	1
	Synchronous time switches without power reserve, for DIN rail mounting, day disk, 1CO, 230V AC	16	3	7LF53005	9690.-	1
	Quartz-clock time switches with power reserve for DIN rail mounting, day disk, 1CO, 230V AC	16	3	7LF53016	18650.-	1
	Quartz-clock time switches with power reserve for wall mounting, day disk, 1CO, 250V AC	16	—	7LF53050	20400.-	1
	Synchronous time switches without power reserve, for wall mounting, day disk, 1CO, 250V AC	16	—	7LF53010	11500.-	1
Accessories for Digital Time Switches						
	USB adapter and software			7LF49410	46965.-	1
	Data key profi, astro			7LF49411	4780.-	1

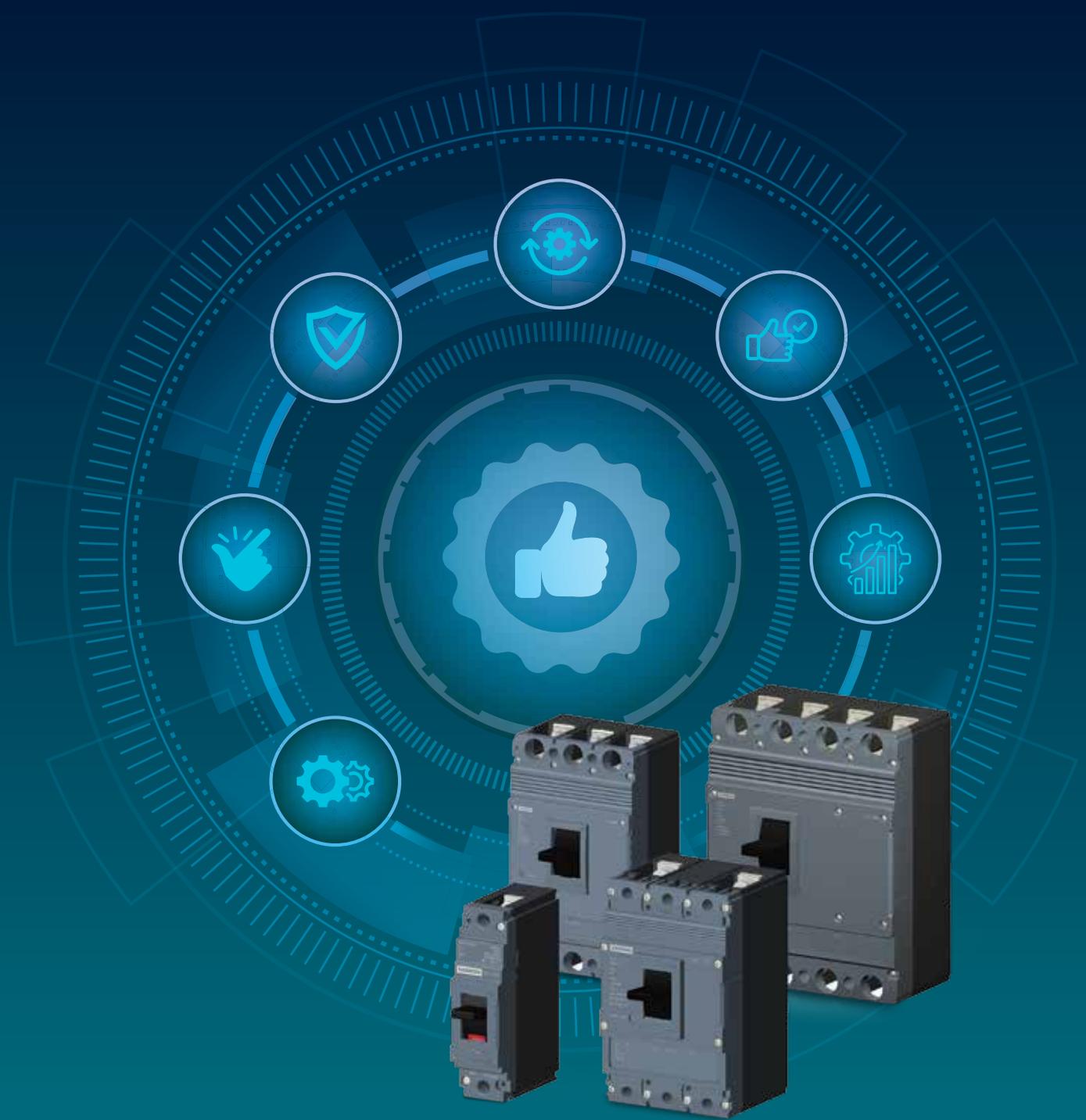
Note:

* LP - List Price

1MW (Module Width) = 18mm

** Purchase MOQ for our authorized dealers is in multiples of standard packing, contact Siemens Sales Office for further details





SINOVA

3VJ Moulded Case Circuit Breakers

Simply Efficient

- Rated current: 16A to 630A
- 1 pole, 2 pole, 3 pole & 4 pole versions
- Breaking capacity: 10kA to 55kA
- Thermal magnetic trip unit (FTFM, ATFM)
- Range of internal and external accessories

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3VJ Moulded Case Circuit Breakers^{\$}

3VJ MCCB, Thermal Magnetic Trip Unit, Fixed Thermal Fixed Magnetic (FTFM), 415V AC, 50Hz

Frame Size	Breaking Capacity @415V AC, 50/60Hz	Rated Current In (A)	3 Pole Type	4 Pole Type		
3VJ10 (VJ1 125X)	18kA	16	3VJ1096-1DA32-0AA0	3VJ1096-1EA42-0AA0		
		20	3VJ1002-1DA32-0AA0	3VJ1002-1EA42-0AA0		
		25	3VJ1092-1DA32-0AA0	3VJ1092-1EA42-0AA0		
		32	3VJ1003-1DA32-0AA0	3VJ1003-1EA42-0AA0		
		40	3VJ1004-1DA32-0AA0	3VJ1004-1EA42-0AA0		
		50	3VJ1005-1DA32-0AA0	3VJ1005-1EA42-0AA0		
		63	3VJ1006-1DA32-0AA0	3VJ1006-1EA42-0AA0		
		80	3VJ1008-1DA32-0AA0	3VJ1008-1EA42-0AA0		
		100	3VJ1010-1DA32-0AA0	3VJ1010-1EA42-0AA0		
		125	3VJ1012-1DA32-0AA0	3VJ1012-1EA42-0AA0		
		3VJ12 (VJ1 250)	25kA	16	3VJ1096-3DA32-0AA0	3VJ1096-3EA42-0AA0
				20	3VJ1002-3DA32-0AA0	3VJ1002-3EA42-0AA0
				25	3VJ1092-3DA32-0AA0	3VJ1092-3EA42-0AA0
				32	3VJ1003-3DA32-0AA0	3VJ1003-3EA42-0AA0
40	3VJ1004-3DA32-0AA0			3VJ1004-3EA42-0AA0		
50	3VJ1005-3DA32-0AA0			3VJ1005-3EA42-0AA0		
63	3VJ1006-3DA32-0AA0			3VJ1006-3EA42-0AA0		
80	3VJ1008-3DA32-0AA0			3VJ1008-3EA42-0AA0		
100	3VJ1010-3DA32-0AA0			3VJ1010-3EA42-0AA0		
125	3VJ1012-3DA32-0AA0			3VJ1012-3EA42-0AA0		
3VJ12 (VJ1 250)	25kA	160	3VJ1216-3DA32-0AA0	3VJ1216-3EA42-0AA0		
		200	3VJ1220-3DA32-0AA0	3VJ1220-3EA42-0AA0		
		250	3VJ1225-3DA32-0AA0	3VJ1225-3EA42-0AA0		

3VJ MCCB, Thermal Magnetic Trip Unit, Adjustable Thermal Fixed Magnetic (ATFM), 415V AC, 50Hz

Frame Size	Breaking Capacity @415V AC, 50/60Hz	Rated Current In (A)	3 Pole Type	4 Pole Type
3VJ10 (VJ1 125X)	25kA	16	3VJ1096-3DB32-0AA0	3VJ1096-3EB42-0AA0
		20	3VJ1002-3DB32-0AA0	3VJ1002-3EB42-0AA0
		25	3VJ1092-3DB32-0AA0	3VJ1092-3EB42-0AA0
		32	3VJ1003-3DB32-0AA0	3VJ1003-3EB42-0AA0
		40	3VJ1004-3DB32-0AA0	3VJ1004-3EB42-0AA0
		50	3VJ1005-3DB32-0AA0	3VJ1005-3EB42-0AA0
		63	3VJ1006-3DB32-0AA0	3VJ1006-3EB42-0AA0
		80	3VJ1008-3DB32-0AA0	3VJ1008-3EB42-0AA0
		100	3VJ1010-3DB32-0AA0	3VJ1010-3EB42-0AA0
		125	3VJ1012-3DB32-0AA0	3VJ1012-3EB42-0AA0
3VJ12 (VJ1 250)	25kA	160	3VJ1216-3DB32-0AA0	3VJ1216-3EB42-0AA0
		200	3VJ1220-3DB32-0AA0	3VJ1220-3EB42-0AA0
		250	3VJ1225-3DB32-0AA0	3VJ1225-3EB42-0AA0
3VJ13 (VJ1 400)	25kA	320	3VJ1332-3DB32-0AA0	3VJ1332-3EB42-0AA0
		400	3VJ1340-3DB32-0AA0	3VJ1340-3EB42-0AA0
3VJ11 (VJ1 125)	36kA	16	3VJ1196-5DB32-0AA0	3VJ1196-5EB42-0AA0
		20	3VJ1102-5DB32-0AA0	3VJ1102-5EB42-0AA0
		25	3VJ1192-5DB32-0AA0	3VJ1192-5EB42-0AA0
		32	3VJ1103-5DB32-0AA0	3VJ1103-5EB42-0AA0
		40	3VJ1104-5DB32-0AA0	3VJ1104-5EB42-0AA0
		50	3VJ1105-5DB32-0AA0	3VJ1105-5EB42-0AA0
		63	3VJ1106-5DB32-0AA0	3VJ1106-5EB42-0AA0
		80	3VJ1108-5DB32-0AA0	3VJ1108-5EB42-0AA0
		100	3VJ1110-5DB32-0AA0	3VJ1110-5EB42-0AA0
		125	3VJ1112-5DB32-0AA0	3VJ1112-5EB42-0AA0
3VJ12 (VJ1 250)	36kA	160	3VJ1216-5DB32-0AA0	3VJ1216-5EB42-0AA0
		200	3VJ1220-5DB32-0AA0	3VJ1220-5EB42-0AA0
		250	3VJ1225-5DB32-0AA0	3VJ1225-5EB42-0AA0
3VJ13 (VJ1 400)	36kA	320	3VJ1332-5DB32-0AA0	3VJ1332-5EB42-0AA0
		400	3VJ1340-5DB32-0AA0	3VJ1340-5EB42-0AA0
3VJ14 (VJ1 630)	36kA	630	3VJ1463-5DB32-0AA0	3VJ1463-5EB42-0AA0

^{\$} Kindly refer latest Power Distribution Products Price List for prices

3VJ Internal accessories⁵

Frame Size	Accessory compartment/ Coil voltage	3VJ10 (VJ1 125X)	3VJ11 (VJ1 125)	3VJ12 (VJ1 250)	3VJ13/14 (VJ1 400/630)
Auxiliary Switches (AUX)	Left	3VJ9018-0AN11	3VJ9218-0AN11	3VJ9218-0AN11	3VJ9417-0AN11
	Right	-	3VJ9218-0AN21	3VJ9218-0AN21	3VJ9417-0AN21
Auxiliary + Alarm Switches (AUX+AL)	Left	3VJ9018-0AD11	3VJ9118-0AD11	3VJ9218-0AD11	3VJ9417-0AD11
	Right	-	3VJ9118-0AD21	3VJ9218-0AD21	3VJ9417-0AD21

3VJ External accessories⁵

Frame Size	Accessory	3VJ10 (VJ1 125X)	3VJ11 (VJ1 125)	3VJ12 (VJ1 250)	3VJ13/14 (VJ1 400/630)
	Extended Door Mounted Rotary Operator (including 8UC handle)	3VJ9018-0HD11	3VJ9118-0HD11	3VJ9218-0HD11	3VJ9417-0HD11
	Enclosure	3VJ9016-ODE11 (2P, 3P)	3VJ9116-ODE11 (2P, 3P)	3VJ9216-ODE12 (2P, 3P)	-
		3VJ9014-ODE11 (4P)	3VJ9114-ODE11 (4P)	3VJ9214-ODE12 (4P)	-

Raja⁺ DOL Starters[@] 3TW Direct On Line Starters



3ph, 50Hz DOL Starter in sheet steel housing, including bimetal relay with single phasing protection

	Motor Rating At 415V 3ph 50Hz		Starter Type	Contactors	Thermal Overload Relay	Relay range (A)	Max. Full Load Current (Amp)		Std. Pkg. (Nos.)
	HP	kW					3Ph, 415V 4P Squirrel Cage IS 8789:1996 Table 4	3Ph, 415V 2P MRP Submersible motor IS 9283:1995 Table 2	
	0.33	0.25	3TW7291-1A^64	3TS3010-0A##-08KA0	3UW5102-0J	0.63-1	-	-	1
	0.75	0.55	3TW7291-1A^66	3TS3010-0A##-08KA0	3UW5102-1A	1-1.6	1.7	-	1
	1	0.75	3TW7291-1A^68	3TS3010-0A##-08KA0	3UW5102-1C	1.6-2.5	2.2	-	1
	1.5	1.1	3TW7291-1A^69	3TS3010-0A##-08KA0	3UW5102-1D	2-3.2	2.9	3.25	1
	2	1.5	3TW7291-1A^71	3TS3010-0A##-08KA0	3UW5102-1F	3.2-5	3.8	4.5	1
	3	2.2	3TW7291-1A^72	3TS3010-0A##-08KA0	3UW5102-1G	4-6.3	5.1	6.5	1
	5	3.7	3TW7291-1A^74	3TS3010-0A##-08KA0	3UW5102-1J	6.3-10	8.1	10	1
	7.5	5.5	3TW7291-1A^75	3TS3210-0A##-08KA0	3UW5102-1K	8-12.5	11.4	14.5	1
	7.5	5.5	3TW7291-1A^77	3TS3210-0A##-08KA0	3UW5102-2A	10-16	-	-	1
	10	7.5	3TW7291-1A^78	3TS3210-0A##-08KA0	3UW5102-2B	12.5-20	15.4	19.5	1

^ Enter code for coil voltage, 50Hz (B for 200-400V AC, W for 332 - 456V AC)

Enter Code for operating coil voltage, 50 Hz (Z6 for 200-400V, R0 for 415V)

* MRP - Maximum Retail Price LP - List Price

\$ Kindly refer latest Power Distribution Products Price List for prices

@ Kindly refer latest Control Products Price List for prices

Switch disconnecter fuse[@] Superswitch 3KL8 in open execution 3PN

Switch Disconnector fuse: 3KL8 for power distribution (in Open Execution 3PN)[^]

	Rated current Ie @ 690V AC 50Hz	SDF suitable for DIN type HRC Fuses	SDF suitable for BS type HRC Fuses	SDF suitable for cylindrical type HRC Fuses	Std. pkg. (nos.)
	20A	3KL8111-5TA00	3KL8111-5TJ00	3KL8111-5TC00	1
	32A	3KL8121-5TA00	3KL8121-5TJ00	3KL8121-5TC00	1
	63A	3KL8151-5TA00	3KL8151-5TJ00	3KL8151-5TC00	1
	100A	3KL8171-5TA00	-	-	1
	100A	3KL8211-5TA00	3KL8211-5TJ00	-	1
	125A	3KL8221-5TA00	3KL8221-5TJ00	-	1
	160A	3KL8231-5TA00	3KL8231-5TJ00	-	1
	200A	3KL8311-5UA00	3KL8311-5UJ00	-	1
	250A	3KL8321-5UA00	3KL8321-5UJ00	-	1
	315A	3KL8331-5UA00	3KL8331-5UJ00	-	1
	400A	3KL8341-5UA00	3KL8341-5UJ00	-	1
	500A	3KL8411-5UA00	3KL8411-5UJ00	-	1
	630A	3KL8421-5UA00	3KL8421-5UJ00	-	1
	800A	3KL8431-5UA00	3KL8431-5UJ00	-	1

[^] 3PN is 3 Pole with neutral link

Selection table for SS Housing for 3KL8

	Rated current Ie (A)	Reference No	Unit MRP* ₹	Std. Pkg. (Nos.)
	3KL81 (20A - 63A)	3KX8235-4AC	-	1
	3KL82 (100A - 160A)	3KX8235-4AC	-	1
	3KL83 (200A - 400A)	3KX8345-4AC	-	1
	3KL84 (500A - 800A)	3KX8435-4AC	-	1

Rated current Ie (A)	Gland box Reference No.	Unit MRP* ₹	Gland Plate Reference No.	Unit MRP* ₹	Std Pkg. (Nos.)
3KL81(20A-63A)	3KX8235-4DC	-	3KX8235-4GC	-	1
3KL82(100A-160A)	3KX8235-4DC	-	3KX8235-4GC	-	1
3KL83(200A-400A)	3KX8345-4DC	-	3KX8345-4GC	-	1
3KL84(500A-800A)	3KX8435-4DC	-	3KX8435-4GC	-	1

LV HRC Fuses[@]

DIN Type Fuse

Rated voltage: 500 V AC

	Size	Rated current A	Reference No	Unit MRP* ₹	Std. Pkg. (Nos.)
	000	2	3NA7 802-ORC	-	1/6
		4	3NA7 804-ORC	-	
		6	3NA7 801-ORC	-	
		10	3NA7 803-ORC	-	
		16	3NA7 805-ORC	-	
		20	3NA7 807-ORC	-	
		25	3NA7 810-ORC	-	
		32	3NA7 812-ORC	-	
		40	3NA7 817-ORC	-	
		50	3NA7 820-ORC	-	
	00	63	3NA7 822-ORC	-	
		80	3NA7 824-ORC	-	
		100	3NA7 830-ORC	-	
		125	3NA7 832-ORC	-	
	1	160	3NA7 836-ORC	-	1/3
		50	3NA7 120-ORC	-	
		63	3NA7 122-ORC	-	
		80	3NA7 124-ORC	-	
		100	3NA7 130-ORC	-	
		125	3NA7 132-ORC	-	
		160	3NA7 136-ORC	-	
		200	3NA7 140-ORC	-	
		224	3NA7 142-ORC	-	
		250	3NA7 144-ORC	-	

400 & 800A fuses - Rated voltage at 415 V AC

Note: * MRP - Maximum Retail Price

@ Kindly refer latest Power Distribution Products Price List for prices

	Size	Rated current A	Reference No	Unit MRP* ₹	Std. Pkg. (Nos.)
	2	200	3NA7 240-ORC	-	1/3
		250	3NA7 244-ORC	-	
		315	3NA7 252-ORC	-	
		400 [#]	3NA7 260-ORC	-	
	3	315	3NA3 352-ORC	-	1/3
		400	3NA3 360-ORC	-	
		500	3NA3 365-ORC	-	
		630	3NA3 372-ORC	-	
		800 [#]	3NA3 375-4RC	-	

BS Fuses

	Type	Rated current A	Reference No	Unit MRP* ₹	Std. Pkg. (Nos.)
	Offset Tag	2	3NW TIA2	-	20
		4	3NW TIA4	-	
		6	3NW TIA6	-	
		10	3NW TIA10	-	
		16	3NW TIA16	-	
		20	3NW TIA20	-	
		25	3NW TIA25	-	
		32	3NW TIA32	-	
		40	3NW TIS40	-	
		50	3NW TIS50	-	
		63	3NW TIS63	-	

Available till stocks last

Betagard Distribution Boards 8GB31

	Item Description	Incoming Slots (MW)	Outgoing Slots (MW)	Total Slots (MW)	Reference No	Unit MRP* ₹	Std. Pkg.** (Nos.)
Betaflex (Flexi DBs), IP42 :							
	2Row x 12Mod	—	—	24	8GB31424RC	Price on request	1
	2Row x 16Mod	—	—	32	8GB31426RC		1
	4Row x 6Mod	—	—	24	8GB31441RC		1
	4Row x 8Mod	—	—	32	8GB31442RC		1
	4Row x 10Mod	—	—	40	8GB31443RC		1
	4Row x 12Mod	—	—	48	8GB31444RC		1
	4Row x 16Mod	—	—	64	8GB31446RC		1
Betabus (Vertical Busbar DBs with MCB as an incomer), IP42 : (Suitable for 5SL/5SP MCBs, upto 125A as an incomer)							
	4 way	12	12	24	8GB31471RC	Price on request	1
	6 way	12	18	30	8GB31473RC		1
	8 way	12	24	36	8GB31474RC		1
	12 way	12	36	48	8GB31477RC		1
Betabusplus (Vertical Busbar DBs with MCCB as an incomer), IP42 : (Suitable for 3VT1/3VA1 MCCBs, upto 160A as an incomer)							
	4 way	12	12	24	8GB31571RC	Price on request	1
	6 way	12	18	30	8GB31572RC		1
	8 way	12	24	36	8GB31573RC		1
	12 way	12	36	48	8GB31574RC		1
BetaMulti (DBs for power & communication), IP42 :							
	12 way SPN, provision	2	12	14	8GB31215RC	Price on request	1
	4 Way TPN, Provision	8	12	20	8GB31220RC		1
	6 way TPN, provision	8	18	26	8GB31221RC		1
	8 Way TPN Provision	8	24	32	8GB31222RC		1

Note:

* MRP - Maximum Retail Price

** Purchase MOQ for our authorized dealers is in multiples of standard packing, contact Siemens Sales Office for further details

Available till stocks last

Betagard Distribution Boards 8GB31

	Item Description	Incoming Slots (MW)	Outgoing Slots (MW)	Total Slots (MW)	Reference No	Unit MRP* ₹	Std. Pkg.** (Nos.)
Beta CO (DBs with built-in pre-wired phase changeover switches), IP42 :							
	40 A, 4 Way TPN, built-in	8	12	20	8GB31850RC	Price on request	1
	40 A, 6 Way TPN, built-in	8	18	26	8GB31851RC		1
	40 A, 8 Way TPN, built-in	8	24	32	8GB31852RC		1
	40 A, 12 Way TPN, built-in	8	36	44	8GB31854RC		1
	63 A, 4 Way TPN, built-in	8	12	20	8GB31860RC		1
	63 A, 6 Way TPN, built-in	8	18	26	8GB31861RC		1
	63 A, 8 Way TPN, built-in	8	24	32	8GB31862RC		1
	63 A, 12 Way TPN, built-in	8	36	44	8GB31864RC		1
Wire Way Boxes (WWB)							
	WWB for Flexi DB,8Mod	—	—	—	8GB9908FWWNT	Price on request	1/5
	WWB for Flexi DB,12Mod	—	—	—	8GB9912FWWNT		1/5
	WWB for Flexi DB,16Mod	—	—	—	8GB9916FWWNT		1/5
	WWB for Bus DB	—	—	—	8GB99BUSWWNT		1/5
	WWB for Bus Plus DB	—	—	—	8GB99PLUSWWNT		1/5
Modular Device Boxes (MDB)							
	MDB for Flexi DB, 8Mod/Row	—	—	8	8GB9908FMDTC	Price on request	1/5
	MDB for Flexi DB,12Mod/Row	—	—	12	8GB9912FMDTC		1/5
	MDB for Flexi DB,16Mod/Row	—	—	16	8GB9916FMDTC		1/5
	MDB for Bus DB	—	—	12	8GB99BUSMBTC		1/5
	MDB for Bus Plus DB	—	—	12	8GB99PLUSMBTC		1/5
BetaMulti (DBs for power & communication), IP42 :							
	12 way SPN, built-in	2	12	14	8GB31315RC	Price on request	1
	4 Way TPN, Built-in	8	12	20	8GB31320RC		1
	6 way TPN, built-in	8	18	26	8GB31321RC		1
	8 Way TPN, Built-in	8	24	32	8GB31322RC		1
Beta CO (DBs with provision for phase changeover switches), IP42 :							
	4 way, with provision	8	12	20	8GB31840RC	Price on request	1
	6 way, with provision	8	18	26	8GB31841RC		1
	8 way, with provision	8	24	32	8GB31842RC		1
	12 way, with provision	8	36	44	8GB31844RC		1

Betagard Distribution Boards Accessories

	Item Description	Reference No	Unit MRP* ₹	Std. Pkg.** (Nos.)
Blanking Plate				
	1.5 MW	8GB9902	Price on request	25

Note:

* MRP - Maximum Retail Price

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Discontinued Products

Betagard Distribution Boards 8GB0

Reference No.	Reference No.	Reference No.	Reference No.
8GB0004 8GB0006 8GB0204RC 8GB0206RC 8GB0208RC 8GB0212RC 8GB0214RC	8GB0404HRC 8GB0406HRC 8GB0408HRC 8GB0412HRC 8GB0404VRC 8GB0406VRC 8GB0408VRC	8GB0412VRC 8GB0405HRC 8GB0407HRC 8GB0409HRC 8GB0413HRC 8GB0405VRC 8GB0407VRC	8GB0409VRC 8GB0413VRC 8GB0504 8GB0506 8GB0508 8GB0512

Betagard Residual Current Circuit Breakers 5SM3

Reference No.	Reference No.	Reference No.	Reference No.
5SM33480RC 5SM33450RC 5SM34480RC 5SM34450RC	5SM36480RC 5SM36450RC 5SM37450RC 5SM33486RC	5SM33456RC 5SM34486RC 5SM34456RC 5SM36486RC	5SM36456RC 5SM37456RC

Auxiliary contact block for 5SM3 100-125A 4pole 1NO+1NC

Reference No.
5SW3330

Terms and Conditions

Maximum Retail Price (MRP) / List Price (LP) is subject to revision without prior notice.

The company reserves the right to supply goods at its works or godown at its discretion.

The minimum order size for non-stock items (items not marked with ■) is 50 Nos. for each item or ₹ 50,000/- per item.

Export control regulation - retention clause: The fulfillment of the agreement on Siemens part is subject to the provision that this shall not be prevented by implements on the grounds of national and international legal requirements, in particular export control provision.

Stock items

The normal stock items (indicated by ■) are subject to change without prior notice.

Note

- This supercedes all previous Price Lists.
- List Prices (LPs) mentioned are exclusive of all taxes.
- Maximum Retail Prices (MRPs) mentioned in the publication are maximum recommended selling prices.
- Invoice amount not to exceed MRP
- Invoice amount = MRP (less) applicable discount + applicable GST %
- For receiving material in factory sealed packing, we request you to order in multiples of the indicated standard packing quantity.

Ask your nearest Siemens partners to include you in our mailing list.

Always make your purchases only from our authorized dealers. Details available with our sales office/territory managers.



7KT PAC1200

Multichannel current measuring system for flexible multichannel monitoring in final distribution

Current Sensors

- Versions: 40 A, 63 A

Sensor Bar

- Versions available for 3, 6, 9, 12

Data Manager

- Connection of up to 96 sensors (40A/63A)
- DIN rail installation (4MW)

Communication/ Software:

- Modbus TCP/ IP
- Simple system onfiguration via web server
- Easy access to energy data with mobile app (iOS/Android)

*For more details, contact nearest Siemens Sales Office

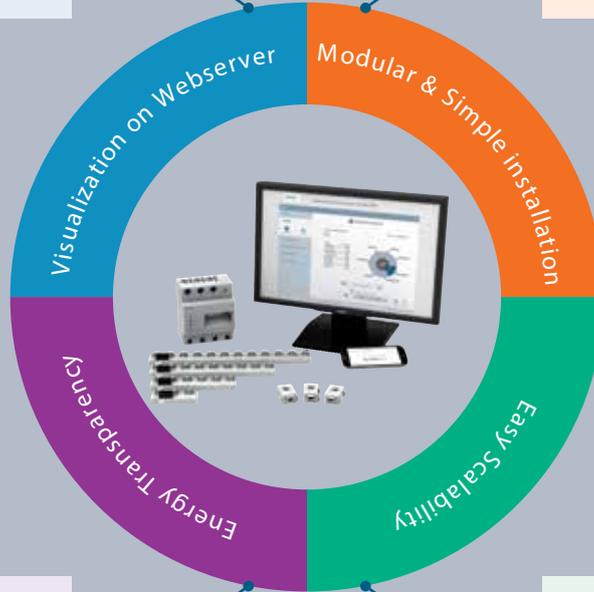
siemens.com/powermonitoring

SIEMENS

- Modbus TCP/IP communication
- Simple configuration of system via powerconfig and web server
- Visualization of consumption via Webserver and Mobile App (Android/iOS)

- Flexible sensor bars and current sensors to record up to 96 circuits in one system
- Current sensors simply plug onto the sensor bars, eliminating extensive wiring

fast



plug
and
play

- Targeted detection of power guzzlers
- Simultaneous display of power consumption and costs
- Ensures optimal power monitoring

- Easy to Upgrade
- Scale up the system without any interruption or cumbersome wiring



Easy



Transparent



Cost-efficient



Relevant Standards

Title	IS	IEC	Products							
			MCB		RCCB		RCBO	DB	AFDD	SPD
			5SL4/6/7	5SL5	5SV	5SM	5SU1	8GB	5SM6	5SD7
Electric Installations – MCBs for Building Installations and Similar Purposes Part 1: MCBs for AC Systems	IS 60898-1	IEC 60898-1	✓	–	–	–	–	–	–	–
Low-voltage switchgear and controlgear Part 2: Circuit-breakers	IS 60947-2	IEC 60947-2	–	✓	–	–	–	–	–	–
Residual Current Operated Circuit-Breakers for Household and Similar Uses, Part 1: Circuit-Breakers Without Integral Overcurrent Protection (RCCBs)	IS 12640-1	IEC 61008-1	–	–	✓	✓	–	–	–	–
Residual Current Operated Circuit-Breaking for Household and Similar Uses, Part 2: Circuit-Breakers with Integral Overcurrent Protection (RCBOs)	IS 12640-2	IEC 61009-1	–	–	–	–	✓	–	–	–
General requirements for arc fault detection devices	–	IEC 62606	–	–	–	–	–	✓	–	–
Low-voltage switchgear and controlgear assemblies, Part 2: Power switchgear and controlgear assemblies	–	IEC 61439-1/3	–	–	–	–	–	✓	–	–
Surge protective devices connected to low-voltage power systems	–	IEC 61643-11	–	–	–	–	–	–	–	✓



Degree of Protection

First digit: Protection against solid foreign objects		Second digit: Protection against ingress of water	
	0 No protection		0 No protection
	1 Protected against solid objects up to 50mm (e.g. hand)		1 Protection against vertically falling drops of water (e.g. condensation)
	2 Protected against solid objects up to 12mm diameter (e.g. finger)		2 Protection against direct sprays of water up to 15 degrees from vertical
	3 Protected against solid objects up to 2.5mm diameter (e.g. screwdriver)		3 Protection against direct sprays of water up to 60 degrees from vertical
	4 Protected against solid objects up to 1mm diameter (e.g. wire)		4 Protection against water sprayed from all directions, limited ingress permitted
	5 Protected against dust: limited ingress permitted, no harmful deposit.		5 Protected against low-pressure jets of water from all directions, limited ingress permitted
	6 Totally protected against dust		6 Protected against strong jets of water from all directions, limited ingress permitted (e.g. water from heavy seas on a ship's deck)
			7 Protected against the effect of temporary immersion (30 min) between 15cm and 1m
			8 Protected against long period of immersion under pressure
			9 Protected against high pressure, high temperature jets of water from multiple directions

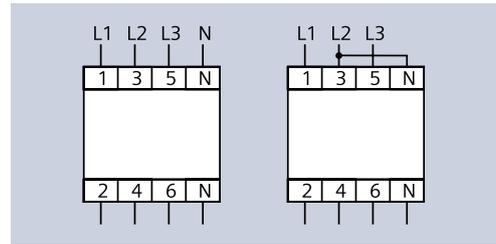


Installation Guideline for RCCB

RCCB suitability for various distribution networks.

Betagard RCCBs can be used in all 3 distribution network types viz. TN, TT & an IT network system. 4 pole RCCBs can also be used in 3 pole supply networks by adhering to installation guidelines. In this case, connection must be at terminals 1, 3 and 5 and 2, 4 and 6.

The function of the test equipment is only ensured if a jumper is fitted between terminals 3 and N.



Types and waveform

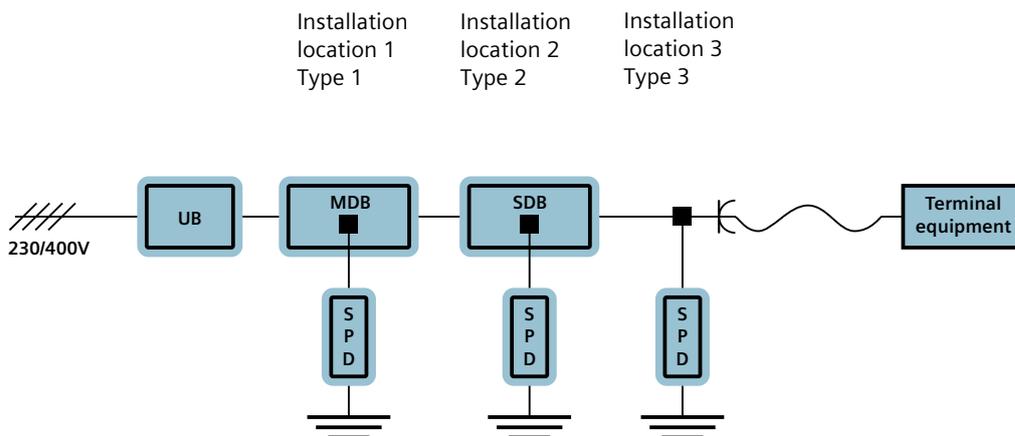
					6 mA	10 mA		
Type AC		■	-	-	-	-	-	-
Type A		■	■	■	■	-	-	-
Type F		■	■	■	■	■	■	-
Type B		■	■	■	■	■	■	■
Type B+		■	■	■	■	■	■	■

Version

SIGRES	with active condensation protection for use in severe ambient conditions
[G] / [K]	super-resistant, 10 ms short-term delayed devices with increased immunity to false triggering due to transient disruptions
[S]	as an upstream group switch for selective shutdown against downstream RCCBs



Installation locations for Surge Protection Devices (SPDs)



UB: Utility Box

MDB: Main distribution board

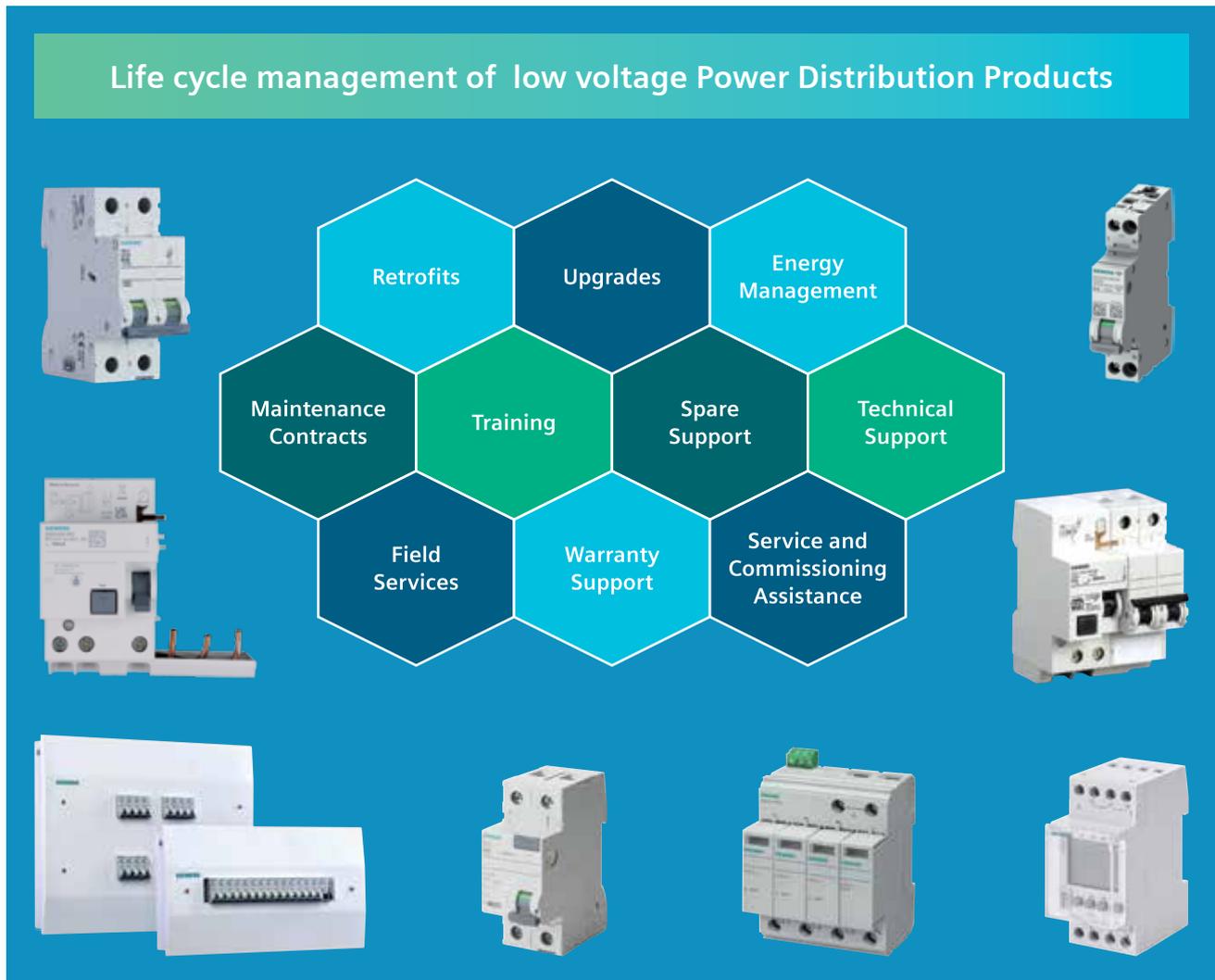
SDB: Sub Distribution board

Installation location 1 must be as close as possible to the supply point for the electrical system, so that the downstream installations are protected. The SPDs at installation locations 2 and 3 shall not be used without SPDs at installation location 1, and they must be coordinated with these SPDs (i.e. SPDs all from the same manufacturer).

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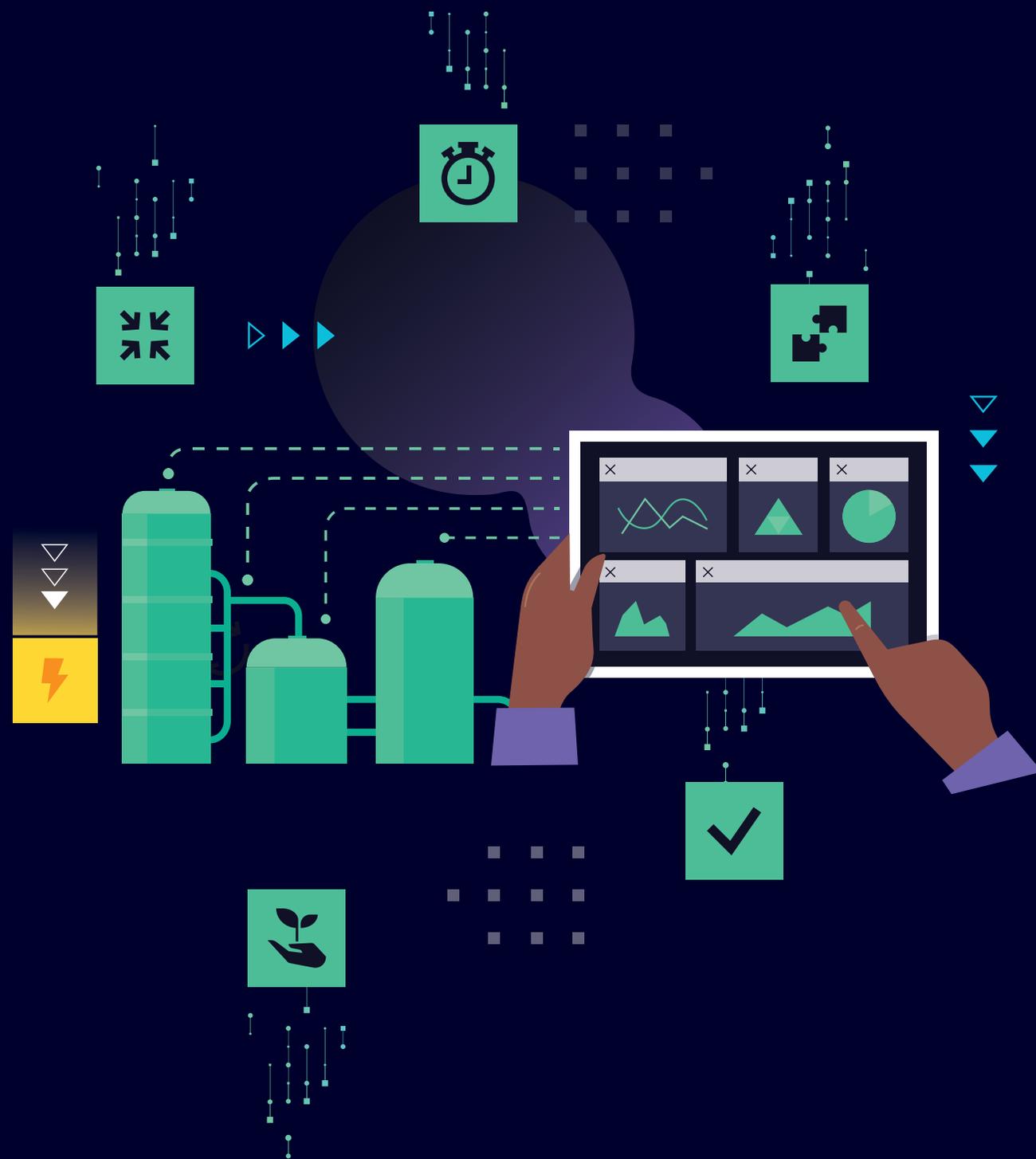
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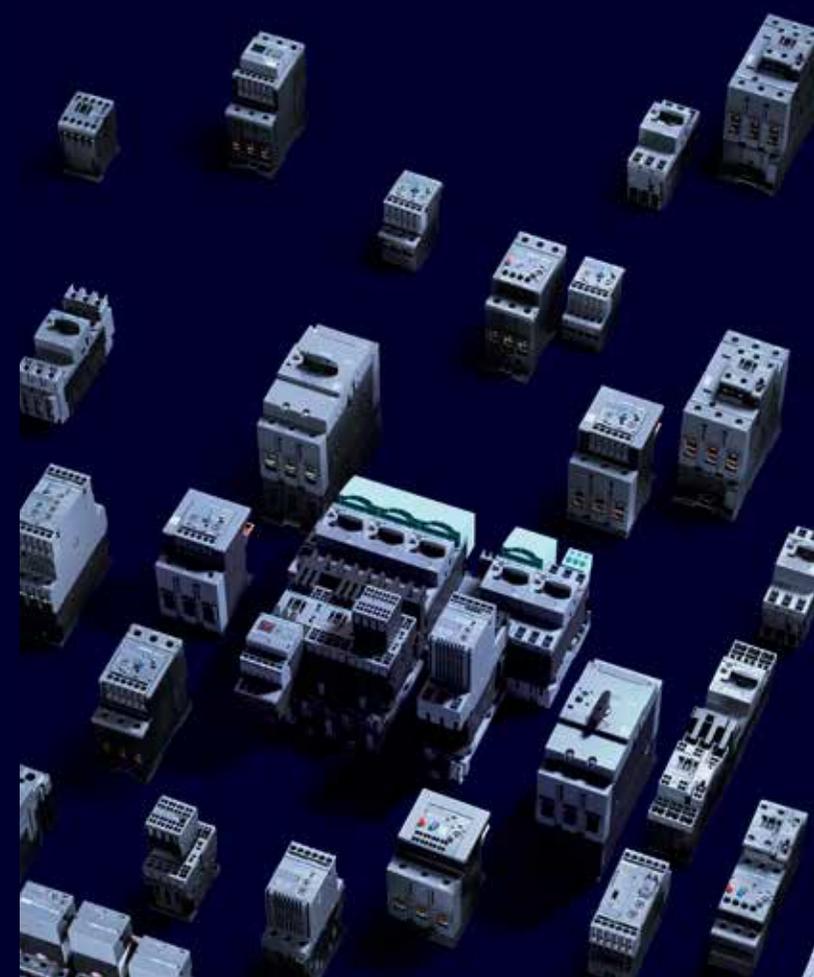
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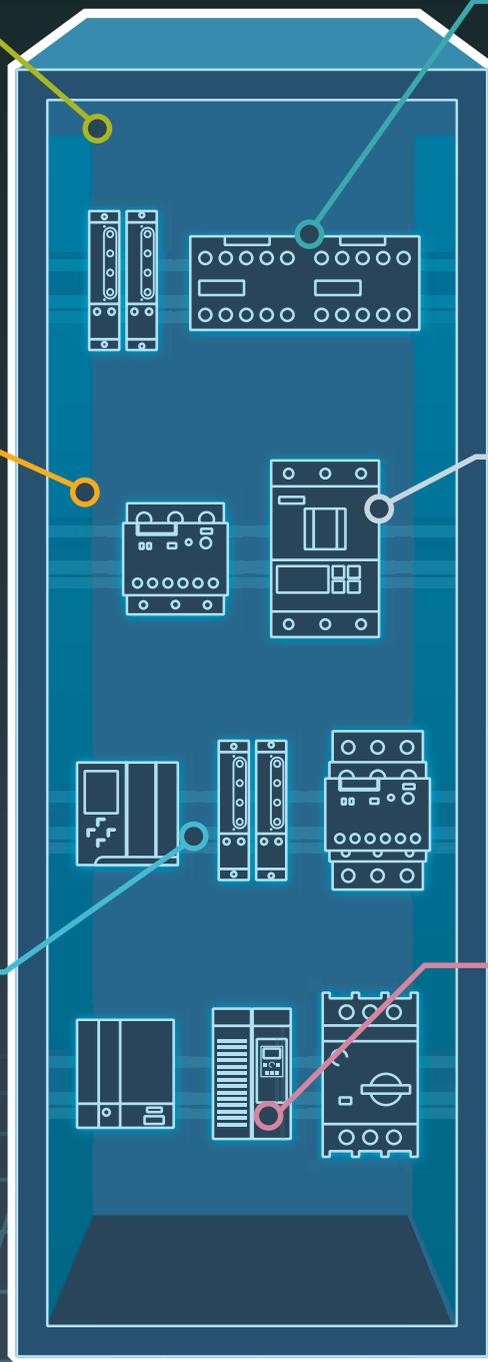


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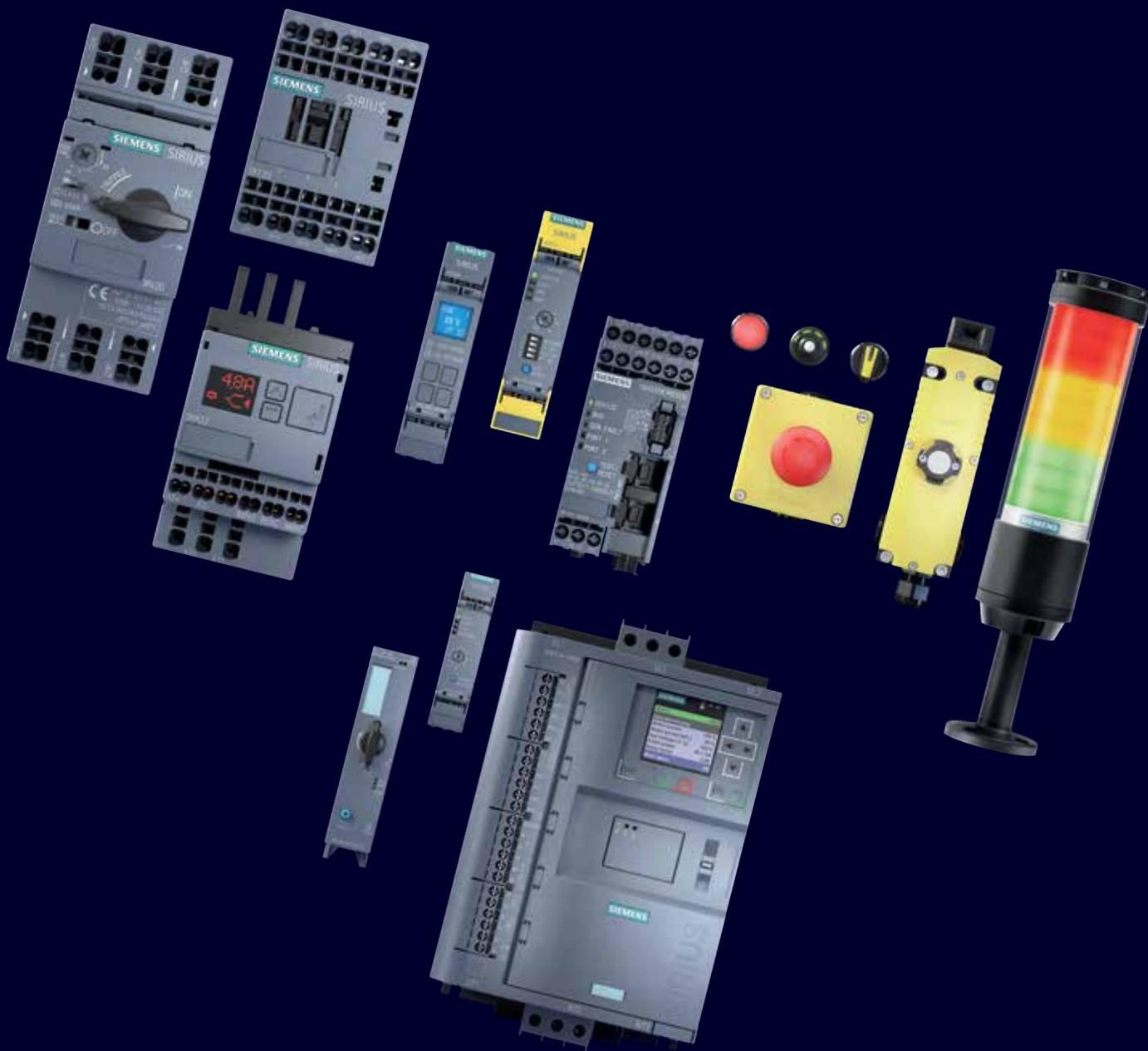
Index

Contents	Page No.
1 Switching Devices	
Contactors Relays - 3RH2 (S00)	5
Latched Contactor Relays (S00)	5
Contactors Relays - 3RH2 (S00) (with Low power consumption coil)	5
Power Contactors - 3RT (S00 to S12)	6
Power Contactors - 3RT (S6 to S12) (with separate coils)	7
Power Contactors - 3RT2 (S0)	7
Energy Efficient Contactors	8
Power Contactors - 3RT20 coupling relays (PLC interface relay)	9
Vacuum Contactors - 3RT12/ 3TF6	10
Power Contactors - 3RT with indication of Remaining LifeTime (RLT)	10
3 Pole AC1 Duty Contactors - 3RT24 & 3RT14	11
4 Pole Power Contactors (4NO main contacts) 3RT23 & 3RT13	11
4 Pole Power Contactors (2NO+2NC main contacts) 3RT25	11
Large Contactors 3RT148	12
Power Contactors with Fail-safe input	13
Communication capable Power Contactors	14
Solid state switching devices - 3RF	15
Auxiliary contact blocks for 3RT/3RH	15
Accessories for 3RT2 and 3RH2 Contactors (S00 to S3)	16
Accessories for 3 Pole 3RT2 & 3RT1 Contactors (S6 to S12)	19
Accessories for 4 Pole Contactor - 3RT23, 3RT13	20
3RA Load Feeders - ready to assemble kits for DOL	22
3RA Load Feeders - ready to assemble kits for R-DOL	23
3RA Load Feeders - ready to assemble kits for Star-Delta	27
3RV29 Infeed System	31
Reversing Contactor Assemblies - 3RA23	32
Star Delta Contactor Assemblies - 3RA24	32
Spares of 3RT Contactors	33
Contactors relays and Power Contactors - 3TH, 3TF	35
2 Pole DC Power Contactors - 3TC	36
Accessories and spares for 3TH, 3TF	36
Spares for 3TC Contactors	38
3MT7 Capacitor duty Contactors NEW	40
3TS Converter duty Contactors	41
3TS 2 Pole Contactors	41
3TS 4 Pole Contactors	42
3TS Single Pole LED Contactors	43
DP Contactors	44

Contents	Page No.
2 Protection Devices	
Thermal Overload Relays - 3RU NEW	47
Microprocessor based overload relay - 3RB	49
Accessories for 3RU/3RB overload relays	50
Thermal overload relays - 3UA / 3UC / Accessories	51
Motor protection circuit breakers - 3RV	54
Accessories for 3RV	57
Motor protection circuit breakers - 3VS	60
Accessories for 3VS	61
3 Motor Starting Devices	
Digital soft starters and accessories - 3RW30/40/50	64
Digital soft starters and accessories - 3RW52/55	65
3RM1 starter	68
Agriculture and Industrial starters - 3TW/3TE	69
Spares for starters	72
Water level controller	72
4 Timing and Monitoring Devices	
Electronic timers - 3RP	73
Current monitoring relays - 3RR	73
Line monitoring relays - 3UG NEW	73
Thermistor motor protection relays - 3RN2	74
Insulation monitoring relays - 3UG	74
Timing and Monitoring relays - 7PV0 / 7UG0	75
Plug-in-relays - 7RQ	76
5 Commanding and Signaling Devices	
SIRIUS ACT - 3SU	78
Indicating lamps 3SB5 (complete and modular)	82
Push button - 3SB5	83
Push button stations - 3SB5	84
Accessories - 3SB5	84
6 Detecting Devices	
Position switches - 3SE5 NEW	86
Mechanical Safety Switches- 3SE5	89
7 Actuator sensor interface (AS-i)	90
8 SIMOCODE	92
9 Safety Relays & Systems - 3SK	94
10 Power Quality Solution NEW	96
11 Type-2 Co-ordination Charts	102
12 Available till stocks last	105
13 Discontinued	107
14 Contact Partners	
Customer care	110
Training centres	112
Offices and territory managers	Back cover

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Contactor Relays (Auxiliary Contactors)



3RH2 (S00) with "Mechanically linked contact elements"

Screw terminals

Size	Operational Current Ie AC-15 at 230V A	Contacts NO	Contacts NC	AC Coil [§]			DC Coil [®]		
				Type*	Unit LP ¹⁾ ₹	Std. pkg. (nos.)	Type*	Unit LP ¹⁾ ₹	Std. pkg. (nos.)
S00	10	4	-	■ 3RH2140-1A..08K	1980.-	1	■ 3RH2140-1B..08K	2750.-	1
		3	1	■ 3RH2131-1A..08K	1980.-	1	■ 3RH2131-1B..08K	2750.-	1
		2	2	■ 3RH2122-1A..08K	1980.-	1	■ 3RH2122-1B..08K	2750.-	1

§@ Please enter coil codes from table below

Latched Contactor Relays

Screw terminals



Operational current Ie AC-15 at 230V A	Contacts NO	Contacts NC	AC Coil [§]			DC Coil [®]		
			Type	Unit LP ¹⁾ ₹	Std. pkg. (nos.)	Type	Unit LP ¹⁾ ₹	Std. pkg. (nos.)
10	4	-	3RH2440-1A..0	7255.-	1	3RH2440-1B..0	9645.-	1
	3	1	3RH2431-1A..0	7255.-	1	3RH2431-1B..0	9645.-	1
	2	2	3RH2422-1A..0	7255.-	1	3RH2422-1B..0	9645.-	1

§@ Please enter coil codes from table below

* For ordering contactors with spring type terminals, please get in touch with sales office
For Latched Power Contactors refer 3RT accessory "Mechanical Latching Blocks" on page no. 17
Spring type terminals are not available for latched contactor relays.

Rated control supply voltages for 3RH21 & 3RH24

§ AC coil voltage

Code	B0	■ F0	■ P0
Coil voltage 50/60 Hz	24	110	230

@ DC Coil Voltage

Code	■ B4	F4	M4
Coil voltage	24	110	220

1) For ordering contactors with other than above coil voltages, please add Rs. 270.- to the unit LP of standard contactor.
Please contact nearest sales office for other coil voltages

Contactor Relays (with Low power consumption coil)



Auxiliary Contactor - 3RH21 Coupling Relays

Screw terminals

Size	Surge Suppressor	Rated operational current Ie AC-15 at 230 V A	Auxiliary contacts		Type*	Unit LP ₹	Std. pkg. (nos.)
			NO	NC			
Rated control supply voltage U _s = 24 V DC, Operating range 0.7 to 1.25xU _s , Power Consumption 2.8W at 24V DC							
S00	Built in Suppressor Diode	10	4	-	3RH2140-1KB40	3540.-	1
			3	1	3RH2131-1KB40	3540.-	1
			2	2	3RH2122-1KB40	3540.-	1
Rated control supply voltage U _s = 24 V DC, Operating range 0.85 to 1.85xU _s , Power Consumption 1.6W at 24V DC							
S00	Built in Suppressor Diode	10	4	-	3RH2140-1SB40	5045.-	1
			3	1	3RH2131-1SB40	5045.-	1
			2	2	3RH2122-1SB40	5045.-	1

* For ordering contactors with spring type terminals, please replace 8th digit from '1' to '2'

Note: 3RH21 Coupling Relays - Add-on Auxiliary contact blocks not applicable

■ Stock items

LP - List Price

Power Contactors

3RT (S00 to S12) with "Mirror contacts elements"



Screw terminals

Size	AC-3 operational current I _e upto 415V A	Motor rating at 415V, 50Hz kW	Auxiliary contacts	AC Coil [§]			DC Coil [®]		
				Type*	Unit LP ¹⁾ ₹	Std. pkg. (nos.)	Type*	Unit LP ¹⁾ ₹	Std. pkg. (nos.)
S00	7	3	1NO	3RT2015-1A..18K	1680.-	1	3RT2015-1B..18K	2605.-	1
			1NC	3RT2015-1A..28K	1680.-	1	3RT2015-1B..28K	2605.-	1
	9	4	1NO	3RT2016-1A..18K	1770.-	1	3RT2016-1B..18K	2835.-	1
			1NC	3RT2016-1A..28K	1770.-	1	3RT2016-1B..28K	2835.-	1
	12	5.5	1NO	3RT2017-1A..18K	1985.-	1	3RT2017-1B..18K	3280.-	1
			1NC	3RT2017-1A..28K	1985.-	1	3RT2017-1B..28K	3280.-	1
16	7.5	1NO	3RT2018-1A..18K	2355.-	1	3RT2018-1B..18K	3860.-	1	
		1NC	3RT2018-1A..28K	2355.-	1	3RT2018-1B..28K	3860.-	1	
S0	25	11	1NO+1NC	3RT2026-1A..08K	3500.-	1	3RT2026-1B..08K	6070.-	1
	32	15	1NO+1NC	3RT2027-1A..08K	6825.-	1	3RT2027-1B..08K	12350.-	1
	38	18.5	1NO+1NC	3RT2028-1A..08K	9770.-	1	3RT2028-1B..08K	14675.-	1
	40	18.5	1NO+1NC	3RT2028-1A..08KA0 [#]	10300.-	1	3RT2028-1B..08KA0 [#]	15375.-	1

Size	AC-3 operational current I _e upto 415V A	Motor rating at 415V, 50Hz kW	Auxiliary contacts	AC Coil [§]			AC/DC Coil [€]		
				Type*	Unit LP ¹⁾ ₹	Std. pkg. (nos.)	Type*	Unit LP ¹⁾ ₹	Std. pkg. (nos.)
S2	50	22	1NO+1NC	3RT2036-1A..08K	13510.-	1	3RT2036-1N..08K	21685.-	1
	65	30	1NO+1NC	3RT2037-1A..08K	18765.-	1	3RT2037-1N..08K	24560.-	1
	80	37	1NO+1NC	3RT2038-1A..08K	23345.-	1	3RT2038-1N..08K	29915.-	1
S3	95	45	1NO+1NC	3RT2046-1A..08K	29615.-	1	3RT2046-1N..08K	37155.-	1
	110	55	1NO+1NC	3RT2047-1A..08K	37865.-	1	3RT2047-1N..08K	48070.-	1

Size	AC-3 operational current I _e upto 415V A	Motor rating at 415V, 50Hz kW	Auxiliary contacts **	AC Coil [§]			Auxiliary contacts	AC/DC Coils (Conventional Type) [€]		
				Type	Unit LP ₹	Std. pkg. (nos.)		Type	Unit LP ₹	Std. pkg. (nos.)
S6	115	55	-	3RT1054-6C.308K	36655.-	1	2NO+2NC	3RT1054-6A.368K	38405.-	1
	150	75	-	3RT1055-6C.308K	46035.-	1	2NO+2NC	3RT1055-6A.368K	48410.-	1
	185	90	-	3RT1056-6C.308K	58315.-	1	2NO+2NC	3RT1056-6A.368K	60565.-	1
S10	225	110	-	3RT1064-6C.308K	62205.-	1	2NO+2NC	3RT1064-6A.368K	63980.-	1
	265	132	-	3RT1065-6C.308K	76060.-	1	2NO+2NC	3RT1065-6A.368K	77860.-	1
	300	160	-	3RT1066-6C.308K	90870.-	1	2NO+2NC	3RT1066-6A.368K	93470.-	1
S12	400	200	-	3RT1075-6C.308K	109195.-	1	2NO+2NC	3RT1075-6A.368K	112305.-	1
	500	250	-	3RT1076-6C.308K	152590.-	1	2NO+2NC	3RT1076-6A.368K	155470.-	1

\$@€ Please enter coil codes from table below € available with universal operation # 40A Size S0 3RT2028 contactor is available with screw type terminals only

** Please select required Auxiliary Contact Blocks from Pg 7

* For ordering contactors with spring type terminals, please get in touch with sales office

Rated control supply voltages

(For 3RT2 Change the 10th & 11th digit and for 3RT1 Change the 10th digit of Type no.)

\$ - AC operation 50/60Hz

Contactor type	3RT20 1	3RT20 2	3RT20 3	3RT20 4
Size	S00	S0	S2	S3
24 V AC	B0	C2	C2	C2
110 V AC	F0	G2	G2	G2
230 V AC	P0	L2	L2	L2

@ - DC operation

Contactor type	3RT20 1,3RH2	3RT20 2	3RT20 3	3RT20 4
Size	S00	S0	S2	S3
24 V DC	B4	B4	-	-
110 V DC	F4	F4	-	-
220 V DC	M4	M4	-	-

€ - Universal operation (AC / DC) for 3RT2 S2, S3 and for 3RT1 S6, S10, S12

Contactor Type	3RT203..N	3RT204..N
Size	S2	S3
20...33 V AC/DC	B3	B3
83...155 V AC/DC	F3	F3
175...280 V AC/DC	P3	P3

Contactor Type	3RT1_Conventional Coil
Size	S6, S10, S12
110...127 V AC/DC	F
220...240 V AC/DC	P

1) For ordering contactors with other than above coil voltages, please add Rs. 270.- to the unit LP of standard contactor of the same rating.

Please contact nearest sales office for other coil voltages

Note: All SIRIUS 3RT20 / 3RT10 contactors (with at least 1 NC auxiliary contact) are tested to "Mirror contacts" characteristics in conjunction with auxiliary contacts ever since the launch of product

■ Stock items

Power Contactors

3RT (S6, S10, S12) with "Mirror contacts elements" Withdrawable coils and integrated varistor in coil circuit

Contactor without operating coil (Please order coil separately)

Size	AC-3 operational current I _e upto 415V A	Motor rating at 415V, 50Hz kW	Contactor w/o Aux				Contactor with Aux			
			Auxiliary contacts**	Type	Unit LP ₹	Std. pkg. (nos.)	Auxiliary contacts	Type	Unit LP ₹	Std. pkg. (nos.)
S6	115	55	-	■ 3RT1054-6LA008K	28390.-	1	2NO+2NC	■ 3RT1054-6LA068K	30110.-	1
	150	75	-	■ 3RT1055-6LA008K	38815.-	1	2NO+2NC	■ 3RT1055-6LA068K	40220.-	1
	185	90	-	■ 3RT1056-6LA008K	50480.-	1	2NO+2NC	■ 3RT1056-6LA068K	52415.-	1
S10	225	110	-	■ 3RT1064-6LA008K	51925.-	1	2NO+2NC	■ 3RT1064-6LA068K	53920.-	1
	265	132	-	■ 3RT1065-6LA008K	65310.-	1	2NO+2NC	■ 3RT1065-6LA068K	67175.-	1
	300	160	-	■ 3RT1066-6LA008K	80030.-	1	2NO+2NC	■ 3RT1066-6LA068K	82325.-	1
S12	400	200	-	■ 3RT1075-6LA008K	90755.-	1	2NO+2NC	■ 3RT1075-6LA068K	93345.-	1
	500	250	-	■ 3RT1076-6LA008K	133480.-	1	2NO+2NC	■ 3RT1076-6LA068K	136000.-	1

**Please select the required Contact Blocks from below table

Auxiliary Contact Blocks (S6 - S12)

Size	NO	NC	#NO	#NC	Type	Unit LP ₹	Std. pkg. (nos.)
1 Pole Front mounted Auxiliary Contact blocks S6 - S12 (3RT1.5 ... 3RT1.7)							
S6 - S12	1	-	-	-	3RH1921-1CA10	305.-	10
	-	1	-	-	3RH1921-1CA01	305.-	10
	-	-	1	-	3RH1921-1CD10	595.-	10
	-	-	-	1	3RH1921-1CD01	595.-	10
2 Pole First Laterally mountable Auxiliary Contact blocks S6 - S12 (3RT1.5 ... 3RT1.7)							
S6 - S12	2	-	-	-	3RH1921-1EA20	1280.-	1
	1	1	-	-	3RH1921-1EA11		1
	-	2	-	-	3RH1921-1EA02		1
2 Pole Second Laterally mountable Auxiliary Contact blocks S6 - S12 (3RT1.5 ... 3RT1.7)							
S6 - S12	2	-	-	-	3RH1921-1KA20	1280.-	1
	1	1	-	-	3RH1921-1KA11		1
	-	2	-	-	3RH1921-1KA02		1



Delayed actuation

Coil

Size	AC Coil				AC/DC Conventional Coils (U _c Coils)			
	Rated control supply voltage U _c 40 to 60 Hz AC, DC V AC/DC	Type	Unit LP ₹	Std. pkg. (nos.)	Rated control supply voltage U _c 40 to 60 Hz AC, DC V AC/DC	Type	Unit LP ₹	Std. pkg. (nos.)
S6	23...26	■ 3RT1955-5CB318K	6290.-	1	23...26	■ 3RT1955-5AB318K	6475.-	1
	110...127	■ 3RT1955-5CF318K		1	110...127	■ 3RT1955-5AF318K		1
	220...240	■ 3RT1955-5CP318K		1	220...240	■ 3RT1955-5AP318K		1
	380...420	■ 3RT1955-5CV318K		1	380...420	■ 3RT1955-5AV318K		1
				1	500...550*	■ 3RT1955-5AS31		1
S10	110...127	■ 3RT1965-5CF318K	9260.-	1	23...26	■ 3RT1965-5AB31	9530.-	1
	220...240	■ 3RT1965-5CP318K		1	110...127	■ 3RT1965-5AF318K		1
	380...420	■ 3RT1965-5CV318K		1	220...240	■ 3RT1965-5AP318K		1
				1	380...420	■ 3RT1965-5AV318K		1
				1	500...550*	■ 3RT1965-5AS31		1
S12	110...127	■ 3RT1975-5CF318K	17345.-	1	23...26	■ 3RT1975-5AB31	17840.-	1
	220...240	■ 3RT1975-5CP318K		1	110...127	■ 3RT1975-5AF318K		1
				1	220...240	■ 3RT1975-5AP318K		1
				1	380...420	■ 3RT1975-5AV31		1
				1	500...550*	■ 3RT1975-5AS31		1

* Specially designed coil for mining applications offers complete operating range from 400V to 605V AC/DC

3RT2 (S0)

Size	AC-3 operational current I _e upto 415V A	Motor rating at 415V, 50Hz kW	Auxiliary contacts	AC Coil [§]			DC Coil [®]		
				Type	Unit LP ¹⁾ ₹	Std. pkg. (nos.)	Type	Unit LP ¹⁾ ₹	Std. pkg. (nos.)
3RT2 Size S0 Contactor									
S0	9	4	1NO + 1NC	■ 3RT2023-1A..08K	2155.-	1	■ 3RT2023-1B..08K	3540.-	1
	12	5.5	1NO + 1NC	■ 3RT2024-1A..08K	2420.-	1	■ 3RT2024-1B..08K	3920.-	1
	17	7.5	1NO + 1NC	■ 3RT2025-1A..08K	2815.-	1	■ 3RT2025-1B..08K	4835.-	1

§ @ Change the 10th and 11th digit of the Article No. Refer page 6 for coil codes

1) For ordering contactors (3RT2 S0) with other than coil codes mentioned in the table in Pg 6, please add Rs. 270.- to the unit LP of standard contactor of the same rating. Please contact nearest sales office for other coil voltages

■ Stock items

SIEMENS



Widest Range of Energy Efficient Contactors

When you go for Energy Efficiency improvement of your plant or a machine, just DON'T Stop at big items like Motors, HVAC etc.

Generally overlooked product like a CONTACTOR can also contribute much more, when it comes to Energy Efficiency improvement.

Explore SIRIUS Innovation Energy Efficient Contactor Portfolio

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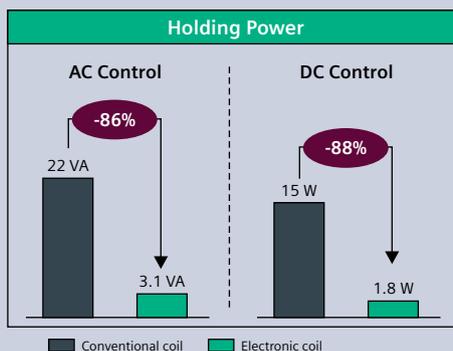
SIRIUS - Energy Efficient Contactor Portfolio (9A to 500A AC-3)

Contactor coil consumes continuous power as long as in operation



3RT20 | 95A AC-3

Typical Holding Power data comparison



Contactors with Electronic coil can be up to **88%** more Energy Efficient as compared to conventional AC or DC contactor

Typical Coil Consumption (Holding)

Current Rating	Model	Control Type	Coil Type	Power Consumption
12-38A AC-3	3RT202.-1N..0	AC Control	Conventional	22 VA
		DC Control	Conventional	15 W
Size S0		AC Control	Electronic	3.1 VA (-86%)
		DC Control	Electronic	1.8 W (-88%)
50-80A AC-3	3RT203.-1N..0	AC Control	Conventional	22 VA
		DC Control	Conventional	15 W
Size S2		AC Control	Electronic	3.1 VA (-86%)
		DC Control	Electronic	1.8 W (-88%)
95-110A AC-3	3RT204.-1N..0	AC Control	Conventional	22 VA
		DC Control	Conventional	15 W
Size S3		AC Control	Electronic	3.1 VA (-86%)
		DC Control	Electronic	1.8 W (-88%)
115-185A AC-3	3RT105.-6N.36	AC Control	Conventional	22 VA
		DC Control	Conventional	15 W
Size S6		AC Control	Electronic	3.5 VA
		DC Control	Electronic	2.1 W
225-300A AC-3	3RT106.-6N.36	AC Control	Conventional	22 VA
		DC Control	Conventional	15 W
Size S10		AC Control	Electronic	5.5 VA
		DC Control	Electronic	2.8 W
400-500A AC-3	3RT107.-6N.36	AC Control	Conventional	22 VA
		DC Control	Conventional	15 W
Size S12		AC Control	Electronic	5.6 VA
		DC Control	Electronic	3 W

Energy Efficient Power Contactor - 3RT

(Electronic Coil - Universal AC/DC operation)



Screw terminals

Size	Surge Suppressor	AC-3 operational current I _e upto 415V A	Motor rating at 415V, 50Hz kW	Auxiliary contacts		Type*	Unit LP ₹	Std. pkg. (nos.)
				NO	NC			
Extended operating range 0.7 to 1.3 x U _s								
S0	Varistor integrated	9	4	1	1	3RT2023-1N..0	4365.-	1
		12	5.5	1	1	3RT2024-1N..0	5125.-	1
		17	7.5	1	1	3RT2025-1N..0	5760.-	1
		25	11	1	1	3RT2026-1N..0	8110.-	1
		32	15	1	1	3RT2027-1N..0	16605.-	1
		38	18.5	1	1	3RT2028-1N..0	19240.-	1
Extended operating range 0.8 to 1.1 x U _s								
S2	Varistor integrated	50 ... 80	22 ... 37	1	1	refer page no. 6		
S3	Varistor integrated	95 ... 110	45 ... 55	1	1	refer page no. 6		
S6-12	Varistor integrated	115 ... 500	55 ... 250	2	2	refer page no. 6 & 7		

* For ordering contactors with spring type terminals, please replace 8th digit from '1' to '2' only for size S0

Contactor type	3RT202.-1N
Size	S0
21 ... 28 V AC/DC	B3
95 ... 130 V AC/DC	F3
200 ... 280 V AC/DC	P3

Power Contactors - 3RT20 coupling relays (PLC interface relay)



Screw terminals

Size	Surge Suppressor	AC-3 Operational Current I _e upto 415V A	Rating of induction motor at 50 Hz and 415V	Auxiliary contacts		Type*	Unit LP ₹	Std. pkg. (nos.)
				NO	NC			
Rated control supply voltage U _s =24 V DC, Operating range 0.7 to 1.25 x U _s , Holding power consumption 2.8W at 24V DC								
S00	Built in suppressor Diode	7	3	1	-	3RT2015-1KB41	3065.-	1
				-	1	3RT2015-1KB42	3065.-	1
		9	4	1	-	3RT2016-1KB41	3485.-	1
				-	1	3RT2016-1KB42	3485.-	1
		12	5.5	1	-	3RT2017-1KB41	3595.-	1
				-	1	3RT2017-1KB42	3595.-	1
Rated control supply voltage U _s =24 V DC, Operating range 0.7 to 1.25 x U _s , Holding Power Consumption 4.5W at 24V DC								
S0	Varistor integrated	12	5.5	1	1	3RT2024-1KB40	4270.-	1
		17	7.5	1	1	3RT2025-1KB40	6515.-	1
		25	11	1	1	3RT2026-1KB40	7860.-	1
		32	15	1	1	3RT2027-1KB40	13305.-	1
Rated control supply voltage U _s =24 V DC, Operating range 0.8 to 1.2 x U _s , Holding Power Consumption 1W at 24V DC								
S2	Varistor integrated	50	22	1	1	3RT2036-1KB40	23385.-	1
		65	30	1	1	3RT2037-1KB40	26265.-	1
		80	37	1	1	3RT2038-1KB40	31320.-	1
Rated control supply voltage U _s =24V DC, Operating range 0.8 to 1.2 x U _s , Holding Power Consumption 0.9W at 24V DC								
S3	Varistor integrated	95	45	1	1	3RT2046-1KB40	39160.-	1

* For ordering contactors with spring type terminals, please replace 8th digit from '1' to '2' only for size S00, S0
Add-on Auxiliary contact blocks: S00: Not applicable, S0: Laterally mountable, S2/S3: Front and Laterally mountable

Vacuum Contactors - 3RT12

Benefits

- AC-3 electrical life expectancy of about 2.5 million operation
- Contacts in the tube will not weld. Arc contained, therefore no gas generated nor flash during operation
- No deration of rated current up to 1000V AC for 3RT12 and up to 690V AC for 3TF6
- Visual inspection window for inspection of contact erosion available for 3RT12

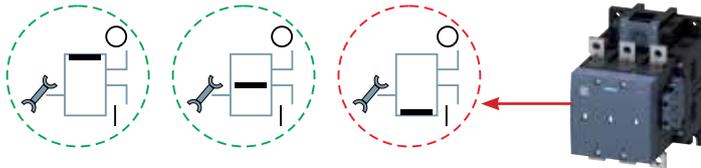
with universal coil (AC/DC) Coils, 2NO+2NC aux. contacts

Contactor size	Rated current Ie (A) AC3 upto 415V	Type [€]	Unit LP ₹	Std. pkg. (nos.)
10	225	3RT1264-6A..6	189460.-	1
10	265	3RT1265-6A..6	223800.-	1
10	300	3RT1266-6A..6	245140.-	1
12	400	3RT1275-6A..6	309935.-	1
12	500	3RT1276-6A..6	402755.-	1

[€] Coil voltage (AC/DC) - Please enter coil codes from table below

Code	B3	F3	P3	V3
Coil voltage (V)	23-26	110-127	220-240	380-420

Note: Contactors with Energy Efficient coils available on request



Vacuum Contactors - 3TF6

Size	Rated current (A) Ie AC3 upto 415V	Motor kW at 415V 50Hz, 3ph	AC 50 Hz coil				DC coil			
			Auxiliary contacts	Type Pl. fill in coil voltage code	Unit LP ₹	Std. pkg. (nos.)	Auxiliary contacts	Type Pl. fill in coil voltage code	Unit LP ₹	Std. pkg. (nos.)
14	630	355	4NO + 4NC	3TF6844-0C..	458565.-	1	3NO + 3NC	3TF6833-1D.. ¹⁾	512695.-	1
	820	450	4NO + 4NC	3TF6944-0C..	681315.-	1	3NO + 3NC	3TF6933-1D.. ¹⁾	783095.-	1

For coil codes & foot note (1) refer page no. 35

Power Contactors - 3RT with indication of Remaining LifeTime (RLT)

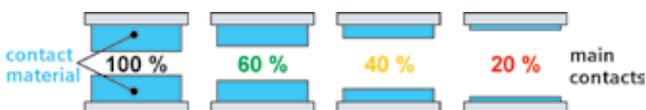
Withdrawable coils and integrated surge suppressor

Benefits

- Early warning to replace contacts
- Optimum utilization of contact material
- Visual inspection of condition of contacts no longer necessary
- Reduction of operating costs
- Optimum planning of maintenance schedules
- Avoidance of unforeseen plant downtimes

Size	AC-3 Operational Current Ie upto 415 V ¹⁾ A	Motor rating at 415V, 50Hz kW	Auxiliary contacts	Rated control supply voltage U _c 40 to 60 Hz AC, DC V AC/DC	Type	Unit LP ₹	Std. pkg. (nos.)
S6	115	55	1NO+1NC	96...127	3RT1054-1PF35	58725.-	1
			1NO+1NC	220...277	3RT1054-1PP35	58725.-	
	150	75	1NO+1NC	96...127	3RT1055-6PF35	68495.-	1
			1NO+1NC	220...277	3RT1055-6PP35	68495.-	
S10	185	90	1NO+1NC	96...127	3RT1056-6PF35	80930.-	1
			1NO+1NC	220...277	3RT1056-6PP35	80930.-	
	225	110	1NO+1NC	96...127	3RT1064-6PF35	84915.-	1
			1NO+1NC	220...277	3RT1064-6PP35	84915.-	
S12	265	132	1NO+1NC	96...127	3RT1065-6PF35	100570.-	1
			1NO+1NC	220...277	3RT1065-6PP35	100570.-	
	300	160	1NO+1NC	96...127	3RT1066-6PF35	117745.-	1
			1NO+1NC	220...277	3RT1066-6PP35	117745.-	
S12	400	200	1NO+1NC	96...127	3RT1075-6PF35	133320.-	1
			1NO+1NC	220...277	3RT1075-6PP35	133320.-	
	500	250	1NO+1NC	96...127	3RT1076-6PF35	197580.-	1
			1NO+1NC	220...277	3RT1076-6PP35	197580.-	

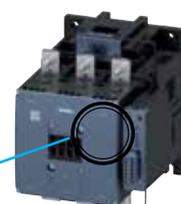
1) For size S6 to S12 size contactors, operating current Ie is valid up to 500V



LEDs on the contactor

LED-Displays	new	60%	40%	20%
green	RLT	RLT	RLT	RLT
green	60%	60%	60%	60%
orange	40%	40%	40%	40%
red	20%	20%	20%	20%
	OReset	OReset	OReset	OReset

RLT contactor



3 Pole AC1 Duty Contactors



Size	AC-1 operational current I _e upto 690V A	AC Coil [§]			AC/DC Coil [€]		
		Type	Unit LP ₹	Std. pkg. (nos.)	Type	Unit LP ₹	Std. pkg. (nos.)
S3	140	3RT2446-1A..0	27975.-	1	3RT2446-1N..0	35550.-	1

Size	AC-1 operational current I _e upto 690V A	Auxiliary Contacts	Type [€]		Unit LP ₹	Std. pkg. (nos.)
			Type	Unit LP ₹		
S6	275	2NO+2NC	3RT1456-6A..68K	69065.-	1	
S10	400	2NO+2NC	3RT1466-6A..68K	94210.-	1	
S12	690	2NO+2NC	3RT1476-6A..68K	195425.-	1	

4 Pole Power Contactors



With 4NO main contacts

Contactor size	Rated current I _e (A) AC1, 415V	Auxiliary Contacts		AC Coil [§]			DC Coil [®]		
		NO	NC	Type	Unit LP ₹	Std. pkg. (nos.)	Type	Unit LP ₹	Std. pkg. (nos.)
S00	18	-	-	3RT2316-1A..0	3260.-	1	3RT2316-1B..0	5290.-	1
	22	-	-	3RT2317-1A..0	3375.-	1	3RT2317-1B..0	5635.-	1
S0	35	1	1	3RT2325-1A..0	3765.-	1	3RT2325-1B..0	6740.-	1
	40	1	1	3RT2326-1A..0	5845.-	1	3RT2326-1B..0	10390.-	1
	50	1	1	3RT2327-1A..0	7065.-	1	3RT2327-1B..0	13235.-	1
S2	60	1	1	3RT2336-1A..0	15575.-	1	3RT2336-1N..0 [€]	19345.-	1
	110	1	1	3RT2337-1A..0	26075.-	1	3RT2337-1N..0 [€]	29190.-	1
S3	140	1	1	3RT2346-1A..0	28995.-	1	3RT2346-1N..0 [€]	37485.-	1
	160	1	1	3RT2348-1A..0	33625.-	1	3RT2348-1N..0 [€]	39850.-	1

With 4NO main contacts



Size	AC-1 operational current I _e upto 690V A	Auxiliary Contacts		Type [€]		Unit LP ₹	Std. pkg. (nos.)
		Type	Unit LP ₹				
S6	200	2NO+2NC	3RT1355-6A..6	59355.-	1		
S10	275	2NO+2NC	3RT1363-6A..6	87770.-	1		
	350	2NO+2NC	3RT1364-6A..6	112775.-	1		
S12	400	2NO+2NC	3RT1373-6A..6	130785.-	1		
	500	2NO+2NC	3RT1374-6A..6	158425.-	1		
	525	2NO+2NC	3RT1375-6A..6	176760.-	1		

With 2NO+2NC main contacts



size	AC-1 operational current I _e upto 415V A	Auxiliary Contacts		AC Coil [§]			DC Coil [®]		
		NO	NC	Type	Unit LP ₹	Std. pkg. (nos.)	Type	Unit LP ₹	Std. pkg. (nos.)
S00	18	-	-	3RT2516-1A..0	3450.-	1	3RT2516-1B..0	4490.-	1
	22	-	-	3RT2517-1A..0	4060.-	1	3RT2517-1B..0	6620.-	1
S0	40	1	1	3RT2526-1A..0	6825.-	1	3RT2526-1B..0	12345.-	1
	60	1	1	3RT2535-1A..0	17910.-	1	3RT2535-1N..0 [€]	23380.-	1
S2	70	1	1	3RT2536-1A..0	23105.-	1	3RT2536-1N..0 [€]	26530.-	1
	100	1	1	3RT2544-1A..0	25890.-	1	3RT2544-1N..0 [€]	30595.-	1
S3	125	1	1	3RT2545-1A..0	28830.-	1	3RT2545-1N..0 [€]	36320.-	1

Rated control supply voltage (Change of the 10th and 11th digit of the Article No.)

§ - AC operation

Contactor type	3RT23, 3RT25	3RT24
Size	S00 (50/60Hz), S0, S2, S3 (50 Hz)	S3 (50/60Hz)
24 V AC	B0	C2
110 V AC	F0	G2
230 V AC	P0	L2

@ - DC operation

Contactor type	3RT23, 3RT25
Size	S00, S0
24 V DC	B4
110 V DC	F4
220 V DC	M4

€ - Universal operation AC / DC

Contactor type	3RT23, 3RT25, 3RT24
Size	S2, S3
20 ... 33	B3
175 ... 280	P3

Contactor Type	3RT13
Size	S6, S10, S12
24 ... 60	E3
48 ... 130	F3
100 ... 250	P3
250 ... 500	R3

Contactor type	3RT 14
Size	S6, S10, S12
20 ... 26	B3
110 ... 127	F3
220 ... 240	P3



SIRIUS 3RT14, 3-pole Large Contactors for high currents

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Type*	Rating data		Lateral Auxiliary Contacts		Rated control supply voltage U	
	Operating Current I_e (A) AC1	Rated voltage U_e	NO	NC	V (AC 50/60 Hz)	V (DC)
3RT1481-6AF36 3RT1481-6AP36	900A	1000V	2	2	100...127 200...240	100...110 200...220
3RT1482-6AF36 3RT1482-6AP36	1050A	1000V	2	2	100...127 200...240	100...110 200...220
3RT1483-6AP36	1260A	1000V	2	2	100...240	100...220
3RT1485-6AP36	1700A	1000V	2	2	100...240	100...220
3RT1486-6AP36	2100A	1000V	2	2	100...240	100...220
3RT1487-6AP36	2650A	1000V	2	2	100...240	100...220

*Price on request

The world's first contactor with maximum benefits in safety applications!

SIRIUS Innovation contactors from size S2 to S12 (22kW to 250kW) has been now expanded to include versions suitable for direct control from fail-safe controllers and safety relays which is first of its kind in the market.

This makes it possible to attain SIL 2 and/or PL c with just one contactor and SIL 3 and/or PL e with two contactors in series according to IEC 62061 and ISO 13849-1

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Advantages at a glance

- 01 Digital input directly on board**
First contactor with certified, digital input for activation from fail-safe or standard controllers
- 02 Time & Cost saving**
Reduced wiring and configuration efforts
Cost optimization of additional coupling level
- 03 Maximum Safety level**
Certified inputs enables devices to be used up to the highest safety level (SIL 3 / PLe)
- 04 Everything from single source**
Complements safety solutions offered by the SIRIUS modular system

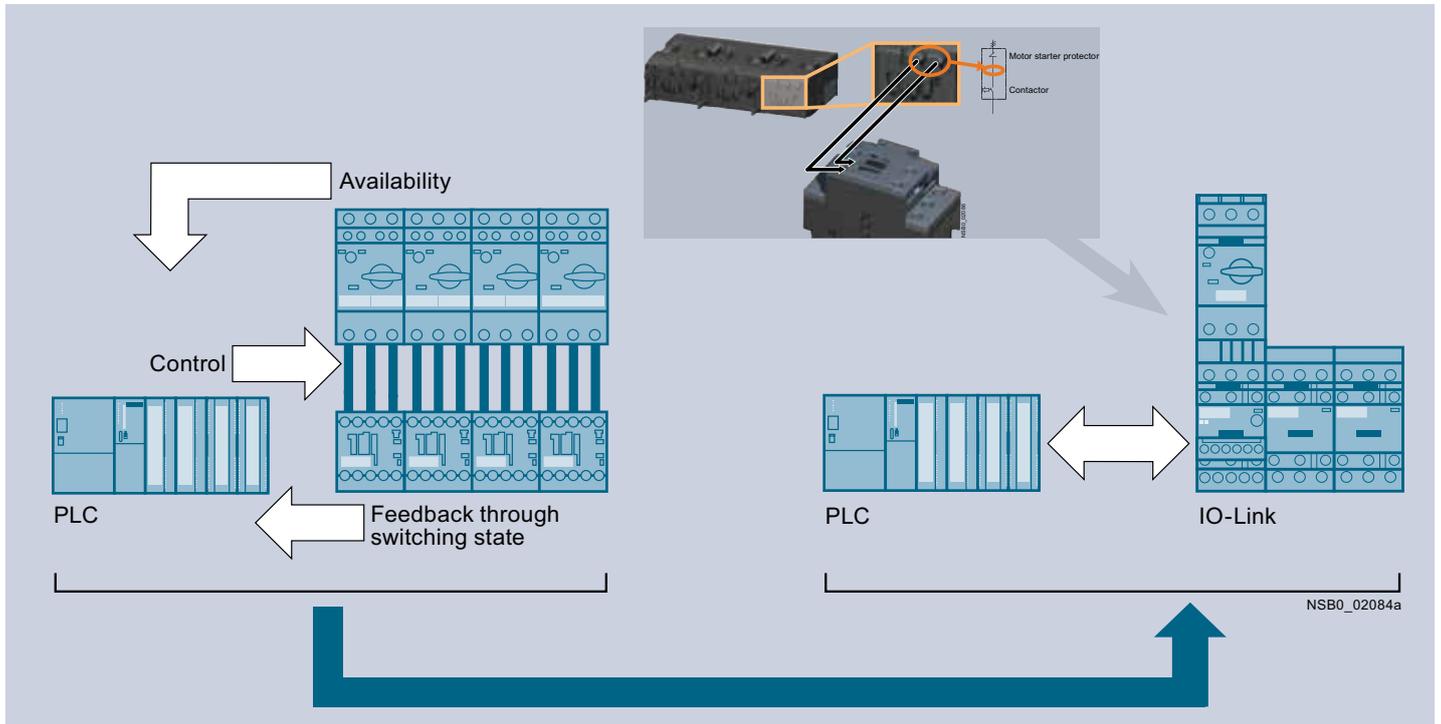


SIRIUS Innovation Contactors with fail-safe input

Size	AC-3 operational current Ie upto 415V A	Motor rating at 415V, 50Hz kW	Permanently Mounted Auxiliary Contacts	Rated control supply voltages Us AC/DC	Type	Unit LP ₹	Std Pkg. (nos.)
S6	115	55	2NO+2NC	96...127	3RT1054-6SF36-3PA0	54190.-	1
				220...227	3RT1054-6SP36-3PA0	54190.-	
	150	75	2NO+2NC	96...127	3RT1055-6SF36-3PA0	66105.-	1
				220...227	3RT1055-6SP36-3PA0	66105.-	
	185	90	2NO+2NC	96...127	3RT1056-6SF36-3PA0	77685.-	1
				220...227	3RT1056-6SP36-3PA0	77685.-	
S10	225	110	2NO+2NC	96...127	3RT1064-6SF36-3PA0	84535.-	1
				220...227	3RT1064-6SP36-3PA0	84535.-	
	265	132	2NO+2NC	96...127	3RT1065-6SF36-3PA0	101220.-	1
				220...227	3RT1065-6SP36-3PA0	101220.-	
	300	160	2NO+2NC	96...127	3RT1066-6SF36-3PA0	117500.-	1
				220...227	3RT1066-6SP36-3PA0	117500.-	
S12	400	200	2NO+2NC	96...127	3RT1075-6SF36-3PA0	135350.-	1
				220...227	3RT1075-6SP36-3PA0	135350.-	
	500	250	2NO+2NC	96...127	3RT1076-6SF36-3PA0	193385.-	1
				220...227	3RT1076-6SP36-3PA0	193385.-	

For S2 and S3 Contactors please get in touch with your nearest sales office

Communication capable Power Contactors



Rated control supply voltage $U_s = 24 \text{ V DC}$
Screw terminals

Size	AC-3 Operational Current I_e upto 415V		Motor rating at 415V, 50 Hz	Auxiliary contacts	Type*	Unit LP ₹	Std. pkg. (nos.)
	A	kW					
S00	7	3		1NO	3RT2015-1BB41-0CC0	3240.-	1
				1NC	3RT2015-1BB42-0CC0		
	9	4		1NO	3RT2016-1BB41-0CC0	3530.-	1
				1NC	3RT2016-1BB42-0CC0		
	12	5.5		1NO	3RT2017-1BB41-0CC0	4060.-	1
				1NC	3RT2017-1BB42-0CC0		
16	7.5		1NO	3RT2018-1BB41-0CC0	4805.-	1	
			1NC	3RT2018-1BB42-0CC0			
S0	9	4		1NO + 1NC	3RT2023-1BB40-0CC0	4300.-	1
	12	5.5		1NO + 1NC	3RT2024-1BB40-0CC0	4725.-	1
	17	7.5		1NO + 1NC	3RT2025-1BB40-0CC0	6620.-	1
	25	11		1NO + 1NC	3RT2026-1BB40-0CC0	8005.-	1
	32	15		1NO + 1NC	3RT2027-1BB40-0CC0	13395.-	1
	38	18.5		1NO + 1NC	3RT2028-1BB40-0CC0	18510.-	1
S2	50	22		1NO + 1NC	3RT2036-1NB30-0CC0 [€]	23385.-	1
	65	30		1NO + 1NC	3RT2037-1NB30-0CC0 [€]	26340.-	1
	80	37		1NO + 1NC	3RT2038-1NB30-0CC0 [€]	31985.-	1
S3	95	45		1NO + 1NC	3RT2046-1NB30-0CC0 [€]	41770.-	1
	110	55		1NO + 1NC	3RT2047-1NB30-0CC0 [€]	52910.-	1

*For ordering contactors with spring type terminals, please replace 8th digit from '1' to '2' for S00, S0
[€] - Universal operation 20...33V AC / DC

Solid state switching devices - 3RF

Solid state contactless switching for application requiring frequent switching

- Compact 22.5mm design with built in LED & finger touch proof protection
- Blocking voltage 1200V

- Main voltage 48-460V AC
- Control voltage 4-30V DC
- Zero point switching



Rated current AC51 (max)	Type	Unit LP ₹	Std. pkg. (kits)
20	3RF2120-1AA45 [§]	3690.-	1
30	3RF2130-1AA45 [§]	5710.-	1
50	3RF2150-1AA45 [§]	9495.-	1
70	3RF2170-1AA45 [§]	11020.-	1
90	3RF2190-1AA45 [§]	13635.-	1

Contact your nearest Siemens partner to know more about

- 3RF20 solid state relays with 45mm design for resistive loads
- 3RF23 single phase solid state contactors with built in heatsink for resistive/inductive loads
- 3RF24 three phase solid state contactors with built-in heat sink for resistor loads upto 50A
- Add on function modules to achieve extended functionality

§ To be used along with suitable heatsink, other voltages upon enquiry

Accessories for 3RH2 & 3RT2 Contactors (S00 / S0 / S2 / S3)

Auxiliary Contact Blocks (S00 / S0 / S2 / S3)

for snapping onto the front

For	 NO		 NC		Type*	Unit LP ₹	Std. pkg. (nos.)
	1	–	–	1			
S00 / S0 / S2 / S3	1	–	–	–	3RH2911-1HA10	395.-	1
	–	1	–	–	3RH2911-1HA01		1
	2	–	–	–	3RH2911-1HA20	555.-	1
	1	1	–	–	3RH2911-1HA11		1
	–	2	–	–	3RH2911-1HA02		1
	2	2	–	–	3RH2911-1HA22		1
	3	1	–	–	3RH2911-1HA31	985.-	1
	4	–	–	–	3RH2911-1FA40		1



* For ordering auxiliary contact blocks with Spring type terminals, please replace 8th digit from '1' to '2'

Laterally mountable auxiliary contact blocks on left and / or right

For	 NO		 NC		Type*1)	Unit LP ₹	Std. pkg. (nos.)
	–	2	1	–			
S00 / S0 / S2 / S3	–	2	–	–	3RH2921-1DA02	1180.-	1
	1	1	–	–	3RH2921-1DA11		1
	2	–	–	–	3RH2921-1DA20		1



* For ordering auxiliary contact blocks with Spring type terminals, please replace 8th digit from '1' to '2'

1) Only left side mounting possible for 3RH2 contactor relays

Accessories for 3 Pole 3RT1 Contactors (S6 - S12)

Auxiliary Contact Blocks (S6 - S12)

Size	 NO	 NC	 #NO	 #NC	Type	Unit LP ₹	Std. pkg. (nos.)
1 Pole Front mounted Auxiliary Contact blocks S6 - S12 (3RT1.5 ... 3RT1.7)							
S6 - S12	1	–	–	–	3RH1921-1CA10	305.-	10
	–	1	–	–	3RH1921-1CA01		10
	–	–	1	–	3RH1921-1CD10	595.-	10
	–	–	–	1	3RH1921-1CD01		10
2 Pole First Laterally mountable Auxiliary Contact blocks S6 - S12 (3RT1.5 ... 3RT1.7)							
S6 - S12	2	–	–	–	3RH1921-1EA20	1280.-	1
	1	1	–	–	3RH1921-1EA11		1
	–	2	–	–	3RH1921-1EA02		1
2 Pole Second Laterally mountable Auxiliary Contact blocks S6 - S12 (3RT1.5 ... 3RT1.7)							
S6 - S12	2	–	–	–	3RH1921-1KA20	1280.-	1
	1	1	–	–	3RH1921-1KA11		1
	–	2	–	–	3RH1921-1KA02		1



Delayed actuation

Accessories for 3RT2 and 3RH2 Contactors (S00, S0, S2, S3)

Surge suppressors

Screw and spring terminals

Size	For Contactor	Version	AC Operation	DC Operation	Type	Unit LP ₹	Std. pkg. (nos.)
			Rated control supply voltage (U _s)				
			V AC	V DC			
for 3RH2 & 3RT2 Size S00							
S00	3RT2.1 & 3RH2.	Varistors (with LED)	24 ... 48	12 ... 24	■ 3RT2916-1JJ00	905.-	1
			48 ... 127	24 ... 70	■ 3RT2916-1JK00		1
			127 ... 240	70 ... 150	■ 3RT2916-1JL00		1
			--	150 ... 250	■ 3RT2916-1JP00		1
		RC Elements	24 ... 48	24 ... 70	■ 3RT2916-1CB00		1
			48 ... 127	70 ... 150	■ 3RT2916-1CC00		1
			127 ... 240	150 ... 250	■ 3RT2916-1CD00		1
		Diode assemblies	--	12 ... 250	■ 3RT2916-1EH00		1
		Diode with LED	--	24 ... 70	■ 3RT2916-1LM00		1
		Additional load modules	180 ... 255	--	■ 3RT2916-1GA00		1
for 3RT2 Size S0							
S0	3RT2.2	Varistors	24 ... 48	24 ... 70	■ 3RT2926-1BB00	1190.-	1
			48 ... 127	70 ... 150	■ 3RT2926-1BC00		1
			127 ... 240	150 ... 250	■ 3RT2926-1BD00		1
			240 ... 400	--	■ 3RT2926-1BE00		1
		RC Elements	24 ... 48	24 ... 70	■ 3RT2926-1CB00		1
			48 ... 127	70 ... 150	■ 3RT2926-1CC00		1
			127 ... 240	150 ... 250	■ 3RT2926-1CD00		1
			240 ... 400	--	■ 3RT2926-1CE00		1
		Diode assemblies	--	24	■ 3RT2926-1ER00		1
		--	30 ... 250	■ 3RT2926-1ES00	1		
Varistor with LED	127 ... 240	70 ... 150	■ 3RT2926-1JL00	1			
for 3RT2 Size S2 & S3							
S2, S3	3RT2.3 3RT2.4	Varistors ¹⁾	24 ... 48	--	■ 3RT2936-1BB00	1400.-	1
			48 ... 127	--	■ 3RT2936-1BC00		1
			127 ... 240	--	■ 3RT2936-1BD00		1
			240 ... 400	--	■ 3RT2936-1BE00		1
			400 ... 600	--	■ 3RT2936-1BF00		1
		Diode assemblies	--	24	■ 3RT2936-1ER00		1
			--	30 ... 250	■ 3RT2936-1ES00		1
		Varistors with LED	127 ... 240	70 ... 150	■ 3RT2936-1JL00		1
for 3RT2 Size S2 - RC Element							
S2	3RT2.3	RC Elements	24 ... 48	24 ... 70	■ 3RT2936-1CB00	1400.-	1
			48 ... 127	70 ... 150	■ 3RT2936-1CC00		1
			127 ... 240	150 ... 250	■ 3RT2936-1CD00		1
			240 ... 400	--	■ 3RT2936-1CE00		1
for 3RT2 Size S3 - RC Element							
S3	3RT2.4	RC Elements	24 ... 48	24 ... 70	■ 3RT2946-1CB00	1400.-	1
			48 ... 127	70 ... 150	■ 3RT2946-1CC00		1
			127 ... 240	150 ... 250	■ 3RT2946-1CD00		1
			240 ... 400	--	■ 3RT2946-1CE00		1

1) In 3RT2 universal coil varistor is in-built

Sealable Covers

Size	For Contactor	Type	Unit LP ₹	Std. pkg. (nos.)
S00, S0, S2, S3	3RT2 & 3RH2 [®]	3RT2916-4MA10	285.-	1 pack = 5 units

[®] Exception: Contactors and contactor relays auxiliary switch block mounted onto the front

Safety main current connectors for 2 contactors

Size	For Contactor	Type	Unit LP ₹	Std. pkg. (nos.)
S00	3RT2	3RA2916-1A	1855.-	1
S0		3RA2926-1A		1
S2		3RA2936-1A		1

■ Stock items



Accessories for 3RT2 and 3RH2 Contactors (S00, S0, S2, S3)

Coil terminal modules for S0, S2, S3

Size	For Contactor	Type	Unit LP ₹	Std. pkg. (nos.)
Connection from top	3RT2	3RT2926-4RA11	520.-	1
Connection from below		3RT2926-4RB11		1
Connection diagonally		3RT2926-4RC11		1



Coupling links for control by PLC

for mounting onto the coil terminals of the contactors

Size	For Contactor	Mounting	Type	Unit LP ₹	Std. pkg. (nos.)
S0	3RT2.2	onto the coil terminals of the contactors	3RH2924-1GP11	2785.-	1
S00, S0, S2, S3	3RT2	onto the contactors	3RH2914-1GP11	2845.-	1



LED modules for indicating the contactor function

Size	For Contactor	Type	Unit LP ₹	Std. pkg. (nos.)
S00 - S3	3RT2	3RT2926-1QT00	945.-	1 pack = 5 units



Links for paralleling

Size	For Contactor	Version	Max. Conductor cross-sections mm ²	Type	Unit LP ₹	Std. pkg. (nos.)
S00	3RT20 1	3-Pole with connection terminal	25 (stranded)	3RT1916-4BB31	635.-	1
S0	3RT20 2		50 (stranded)	3RT2926-4BB31	1075.-	1
S2	3RT20 3		120 (stranded)	3RT1936-4BB31	1265.-	1
S3	3RT20 4		185 (stranded)	3RT1946-4BB31	3465.-	1
S00	3RT23 1 & 3RT25 1	4-Pole with connection terminal	25 (stranded)	3RT1916-4BB41	955.-	1



Screw adapters for easy screw fixing

2 units required per contactor

Size	Type	Unit LP ₹	Std. pkg. (nos.)
S0	3RT1926-4P	45.-	1 pack = 10 units



OFF-Delay Devices

Size	Rated control supply voltage U _s V	Type	Unit LP ₹	Std. pkg. (nos.)
3RT2. 1, 3RT2. 2, 3RH2. . . -1BF40	110 AC/DC	3RT2916-2BK01	6325.-	1
3RT2. 1, 3RT2. 2, 3RH2. . . -1BM40	220 / 230 AC/DC	3RT2916-2BL01		1
3RT2. 1, 3RT2. 2, 3RH2. . . -1BB40	24 DC	3RT2916-2BE01		1



Mechanical latching blocks

Size	For Contactor	Rated control supply voltage U _s V	Type	Unit LP ₹	Std. pkg. (nos.)
S0	3RT2.2	24 AC/DC	3RT2926-3AB31	4020.-	1
		110 AC/DC	3RT2926-3AF31		1
		230 AC/DC	3RT2926-3AP31		1



Accessories for 3RT2 and 3RH2 Contactors (S00, S0, S2, S3)



Solid state timer block

for snapping onto the front (S00, S0, S2, S3)

Function	For contactors	Auxiliary contacts	Rated control supply voltage U_c , 50/60 Hz V	Time setting range t Sec	Type*	Unit LP ₹	Std. pkg. (nos.)
On-Delay (Varistor integrated)	3RT2 3RH21 3RH24	1CO	24 ... 240 VAC/DC	0.05 ... 100	3RA2813-1AW10	6365.-	1
		1NO + 1NC			3RA2813-1FW10		1
OFF-Delay without auxiliary voltage (Varistor integrated)		1CO	24 ... 240 VAC/DC	0.05 ... 100	3RA2815-1AW10	7590.-	1
		1NO + 1NC			3RA2815-1FW10		1
OFF-Delay with auxiliary voltage (Varistor integrated)		1CO	24 ... 240 VAC/DC	0.05 ... 100	3RA2814-1AW10	8635.-	1
		1NO + 1NC			3RA2814-1FW10		1

Solid state timer block with semiconductor output

for snapping onto the front (S00, S0)

Function	For contactors#	Auxiliary contacts	Rated control supply voltage U_c , 50/60 Hz V	Time setting range t Sec	Type*	Unit LP ₹	Std. pkg. (nos.)
On-Delay (Varistor integrated)	3RT2 3RH21 3RH24	-	24 ... 240 VAC/DC	0.05 ... 100	3RA2811-1CW10	6920.-	1
OFF-Delay with auxiliary voltage		-			24 ... 240 VAC/DC	0.05 ... 100	3RA2812-1DW10

Cannot be fitted onto coupling relays. Also available for 3RT2 S2 & S3 on request

Version	SIRIUS function modules		SIRIUS function modules for IO-Link		SIRIUS function modules for AS-Interface	
	A	Unit LP ₹	B	Unit LP ₹	C	Unit LP ₹
Direct on line starting (S00, S0, S2, S3)	*Pls refer above table for type reference (Solid state timer block with semiconductor output)		3RA2711-1AA00*	6655.-	3RA2712-1AA00*	7320.-
Reversing starting (S00, S0, S2, S3)	for complete feeder refer page no. 23-24		3RA2711-1BA00*	12550.-	3RA2712-1BA00*	13795.-
Star delta starting (S00, S0, S2, S3)	3RA2816-0EW20	13155.-	3RA2711-1CA00*	19425.-	3RA2712-1CA00*	21430.-

*For ordering with spring type terminals, please replace 8th digit from '1' to '2'

Accessories for 3 Pole, 3RT2 & 3RT1 Contactors

Surge Suppressor for 3Pole 3RT1 (S6..S12)

Size	Version	AC Operation	DC Operation	Type	Unit LP ₹	Std. pkg. (nos.)
		Rated control supply voltage (U _c)				
		V AC	V DC			
S6, S10, S12	RC Elements*	24 ... 48	24 ... 70	3RT1956-1CB00	2460.-	1
		48 ... 127	70 ... 150	3RT1956-1CC00		1
		127 ... 240	150 ... 250	3RT1956-1CD00		1
		240 ... 400	–	3RT1956-1CE00		1
		400 ... 600	–	3RT1956-1CF00		1



Contactors coils (Size S6 to S12) comes with in-built varistor
* for connecting to with-drawable coils with screw terminal type connection

Box terminal blocks

Size	For Contactor	Version	Type	Unit LP ₹	Std. pkg. (nos.)
S6	3RT105	For round and ribbon cables (Upto 70 mm ²)	3RT1955-4G	2365.-	1
		For round and ribbon cables (Upto 120 mm ²)	3RT1956-4G	3350.-	1
		Auxiliary conductor connection for box terminals	3TX7500-0A	1340.-	1
S10 / S12	3RT106 & 3RT107	Upto 240 mm ² with auxiliary conductor connection	3RT1966-4G	9470.-	1



Covers

Terminal covers for box terminals

Size	For Contactor	Version	Type	Unit LP ₹	Std. pkg. (nos.)
S3	3RT204	3 Pole	3RT2946-4EA2	775.-	1
S6	3RT105	Length of 25 mm	3RT1956-4EA2	1265.-	1
S10 / S12	3RT106 & 3RT107	Length of 30 mm	3RT1966-4EA2	2225.-	1

Terminal covers for cable lugs and busbar connection

S3	3RT204	Length of 55 mm	3RT1946-4EA1	1130.-	1
S6	3RT105	Length of 100 mm	3RT1956-4EA1	2160.-	1
S10 / S12	3RT106 & 3RT107	Length of 120 mm	3RT1966-4EA1	2845.-	1



Busbar cover between contactor and 3RB2 overload relay or wiring module for contactor assemblies

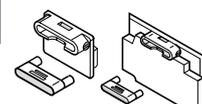
S10 / S12	3RT106 & 3RT107	Length of 42 mm	3RT1966-4EA3	1895.-	1
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For busbar cover of the flat line connectors for reversing and wye-delta assemblies

S6	3RT105	Length of 38 mm	3RT1956-4EA4	1745.-	1
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Sealable Covers

Size	For Contactor	Type	Unit LP ₹	Std. pkg. (nos.)
S6, S10, S12	3RT105, 3RT106 & 3RT107	3RT1926-4MA10	130.-	1 pack = 5 units



Accessories for 3 Pole, 3RT2 & 3RT1 Contactors

Links for paralleling

Size	For Contactor	Version	Type	Unit LP ₹	Std. pkg. (nos.)
S3	3RT204	3-Pole with through hole (Star Jumpers)	3RT1946-4BB31	3465.-	1
S6	3RT1		3RT1956-4BA31	1895.-	1
S10 / S12	3RT1		3RT1966-4BA31	2520.-	1



Accessories for 3RT12

Description	Type	Unit LP ₹	Std. pkg. (nos.)
Line voltage surge suppressors			
upto 690V AC	3RT1966-1PV3	11320.-	1
upto 1000V AC	3RT1966-1PV4	16540.-	1
Auxiliary contact blocks			
second, 2NO	3RH1921-1KA20	1280.-	1
second, 1NO+1NC	3RH1921-1KA11		1
second, 2NC	3RH1921-1KA02		1
Mechanical interlock mechanism	3RA1954-2A	3615.-	1
Coil surge suppressor			
RC element, for 110V-127V coil	3RT1956-1CC00	2460.-	1
RC element, for 220V-240V coil	3RT1956-1CD00		1

Accessories for 4 Pole Contactor - 3RT23 / 3RT13

Mechanical interlock for 3RT23

Contactor size	Type	Description	Unit LP ₹	Std. pkg. (nos.)
S00-S00	3RA2912-2H	Mechanical interlock & 2 Connecting Clips	630.-	1
S0-S0	3RA2922-2H	Mechanical interlock & 2 Connecting Clips	630.-	1
S2-S2 ¹⁾	3RA2934-2B	Mechanical interlock	715.-	1
	3RA2932-2G	2x Connecting Clips	350.-	10
S3-S3 ¹⁾	3RA2934-2B	Mechanical interlock	715.-	1
	3RA2942-2G	2x Connecting Clips	400.-	10

1) for 3RT23 S2 & S3 reversing combination both Mechanical interlock & 2x Connecting Clips need to be ordered

Mechanical interlock for 3RT13

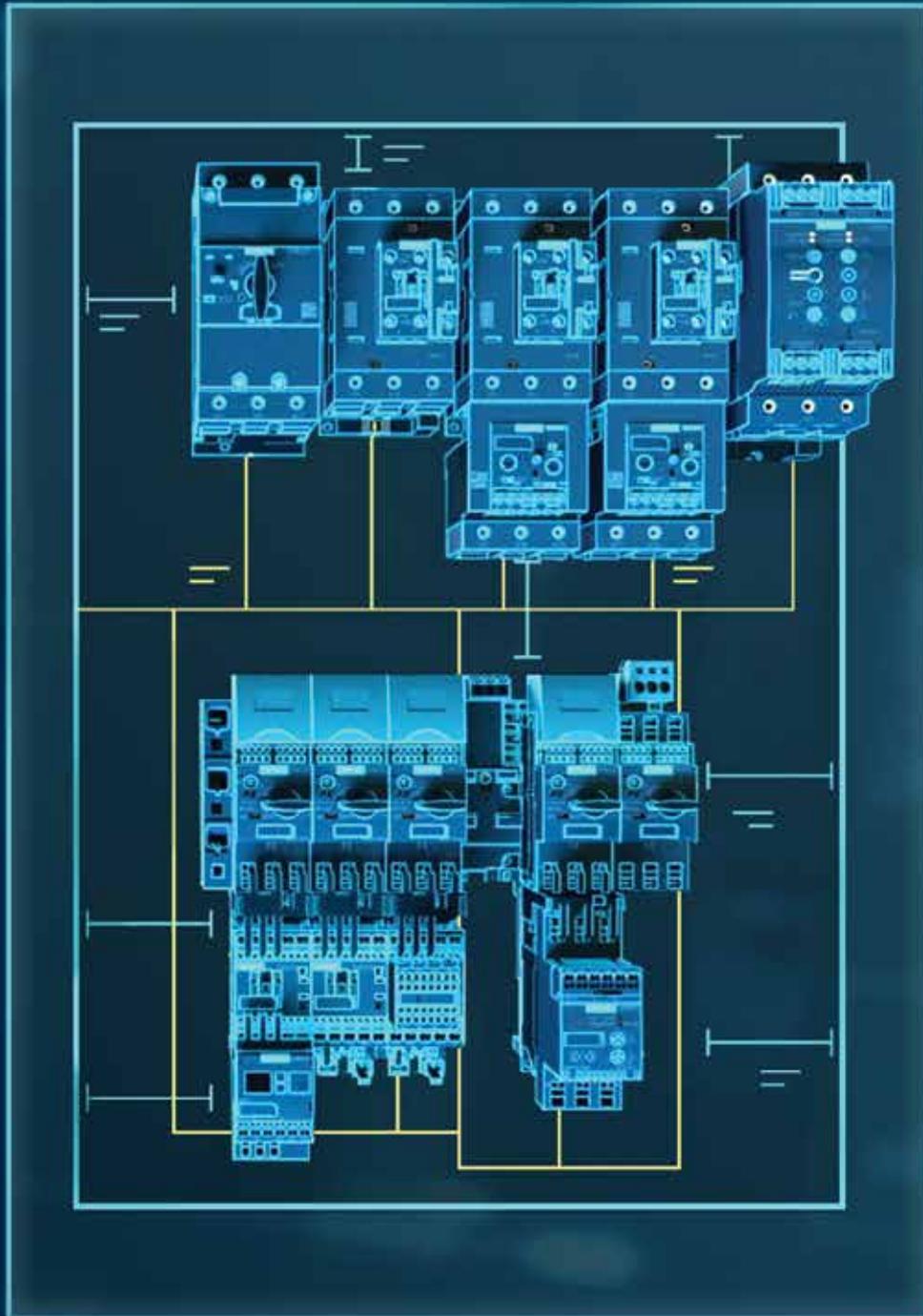
Contactor size	Type	Description	Unit LP ₹	Std. pkg. (nos.)
S6-S6	3RA1954-3A	Mechanical interlock for 3RT13	3615.-	1
S10-S10				
S12-S12				

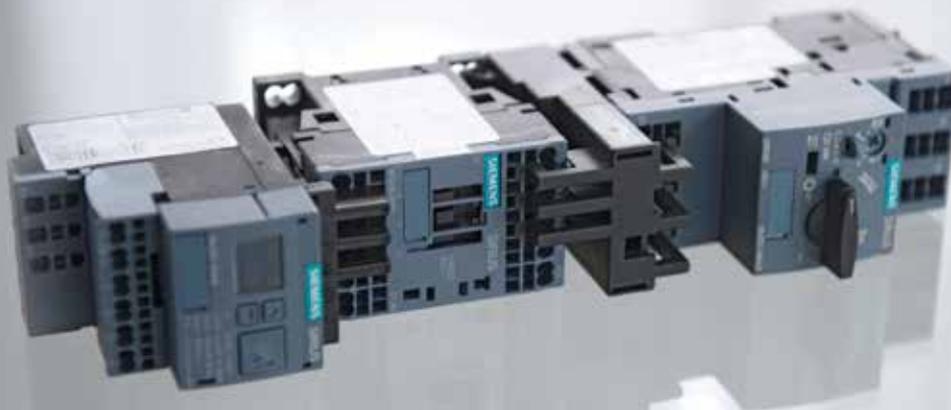
Terminal Covers for 3RT13

Contactor size	Type	Description	Unit LP ₹	Std. pkg. (nos.)
S6	3RT1956-4EB10	for 3RT135..	3190.-	1
S10	3RT1966-4EB10	for 3RT136..		
S12	3RT1976-4EB10	for 3RT13..		



Save up to 30%
more space using compact
switching devices





3RA Load Feeders



Direct On-Line Starters

For snapping onto standard mounting rails or for screw mounting

Size of MPCB / contactor	MPCB	+	Contactor	+	Link module	+	Standard mounting rail adaptor	Final Assembled Unit
S00 / S00	 3RV2	+	 3RT2 AC and DC coil	+	 3RA1921-1DA00	+	Not required	
(S00, S0) / S0	 3RV2	+	 3RT2 AC coil DC coil	+	 3RA2921-1AA00 3RA2921-1BA00	+	Not required	
S2 / S2	 3RV2	+	 3RT2 AC and DC coil	+	 3RA2931-1AA00	+	 3RA2932-1AA00 (Optional)	
S3 / S3	 3RV2	+	 3RT2 AC and DC coil	+	 3RA1941-1AA00	+	 3RA2942-1AA00	

Link modules, single-unit packaging – For mechanical and electrical connection between contactor and motor protection circuit-breaker with screw terminals

Method of operation	Size of contactor	Size of MPCB	Type	Unit LP ₹	Std. pkg. (nos.)
AC/DC	S00	S00	3RA1921-1DA00	665.-	1
	S2	S2	3RA2931-1AA00	2195.-	1
	S3	S3	3RA1941-1AA00	2250.-	1
AC	S0	S00/S0	3RA2921-1AA00	665.-	1
DC	S0	S00/S0	3RA2921-1BA00	665.-	1

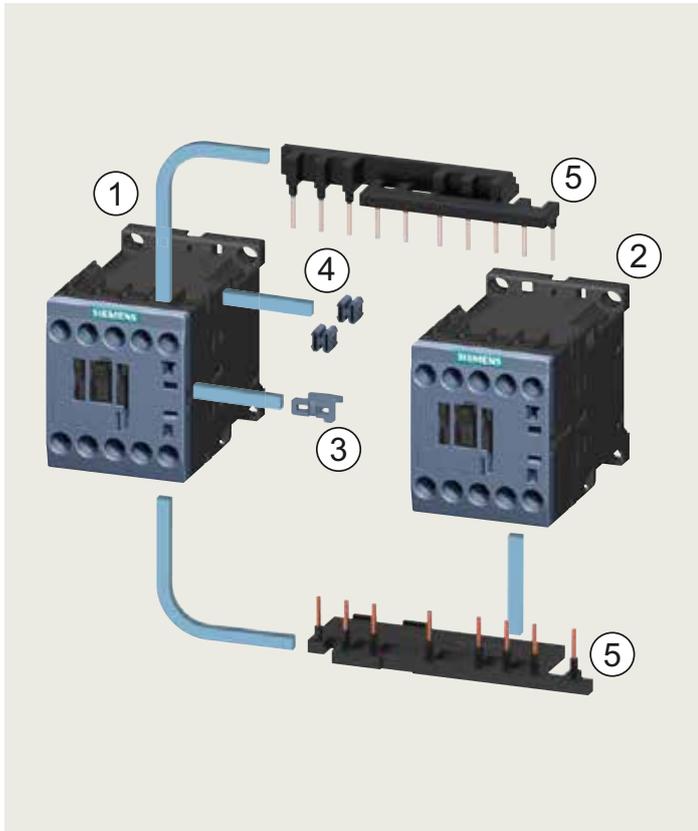
Standard mounting rail adaptor

Size of MPCB	Size of contactor	Type	Unit LP ₹	Std. pkg. (nos.)
S2	S2	3RA2932-1AA00	2280.-	1
S3	S3	3RA2942-1AA00	3125.-	1

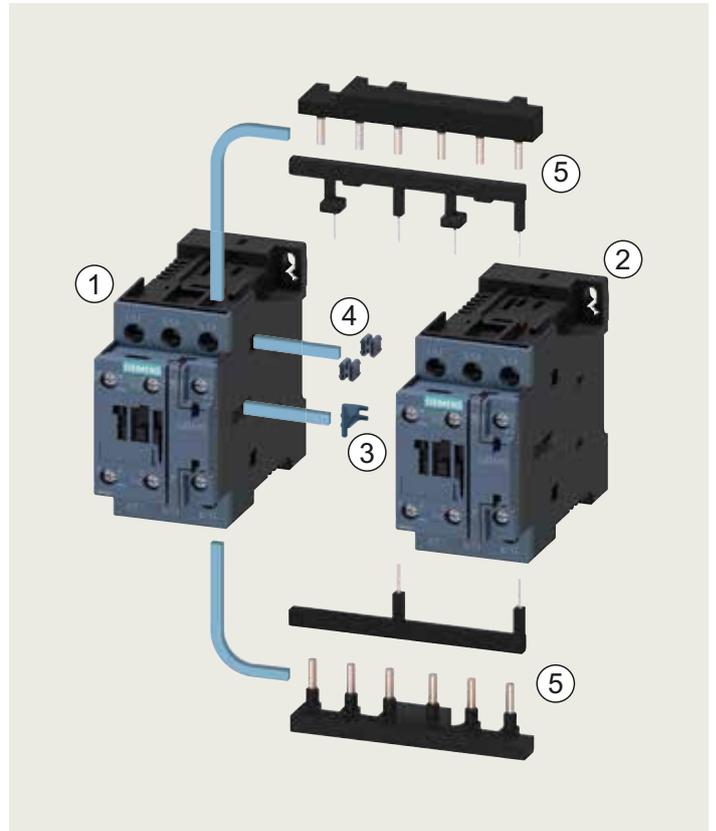
Accessories for 3RT2 Contactors

S00, S0 - Mechanical Interlock & Installation kit for reversing contactors

S00 - S00



S0 - S0



Individual Components

- ① ② Power Contactor Size S00 - S00 or S0 - S0
- ③ Lateral mounted mechanical interlock
- ④ 2 Nos Connecting clips for two contactors
- ⑤ Wiring modules on the top & bottom

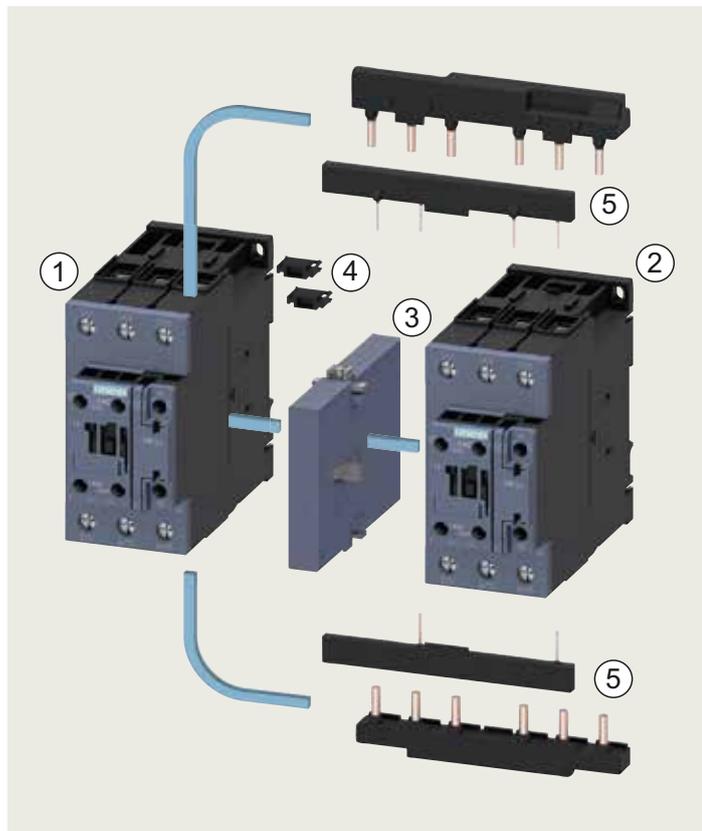
S. No.	Description	Contactor Size	Type*	Unit LP ₹ (per unit / set)	Std. pkg. (nos.)
3, 4, 5	<u>Assembly Kit</u> Each kit contains: Mechanical interlock, 2 Connecting clips for 2 contactors, wiring modules on the top & bottom	S00-S00	3RA2913-2AA1	1280.-	1 Unit
		S0-S0	3RA2923-2AA1	1920.-	
3, 4	Each set contains: Mechanical interlock & 2 Connecting clips	S00-S00	3RA2912-2H	630.-	1 pack (1 pack = 10 Sets)
		S0-S0	3RA2922-2H	630.-	

* For ordering installation kit with spring type terminals please replace last digit from '1' to '2'



Accessories for 3RT2 Contactors

S2 - S2 or S3 - S3 - Mechanical Interlock & Assembly kit for reversing contactors



Individual Components

- ① ② Power Contactor Size S2 - S2 or S3 - S3
- ③ Lateral mounted mechanical interlock
- ④ 2 Nos Connecting clips for two contactors
- ⑤ Wiring modules on the top & bottom

S. No.	Description	Contactor Size	Type	Unit LP ₹ (per unit / set)	Std. pkg. (nos.)
4, 5	Assembly Kit Each kit contains: <ul style="list-style-type: none"> • Two connecting clips for two contactor • Wiring modules on the top & bottom for connecting the main and auxiliary current paths 	S2 - S2	3RA2933-2AA1	2120.-	1 Unit
		S3 - S3	3RA2943-2AA1	4235.-	1 Unit
3	Mechanical interlock	S2 - S2	3RA2934-2B	715.-	1 Unit
		S3 - S3			
4	Connecting Clips for 3 Pole Contactors Two connectors for two contactors	S2 - S2	3RA2932-2C	350.-	10 Unit
		S3 - S3	3RA2932-2D	350.-	

* Assembly kit only available for 3 Pole contactors only



4, 5



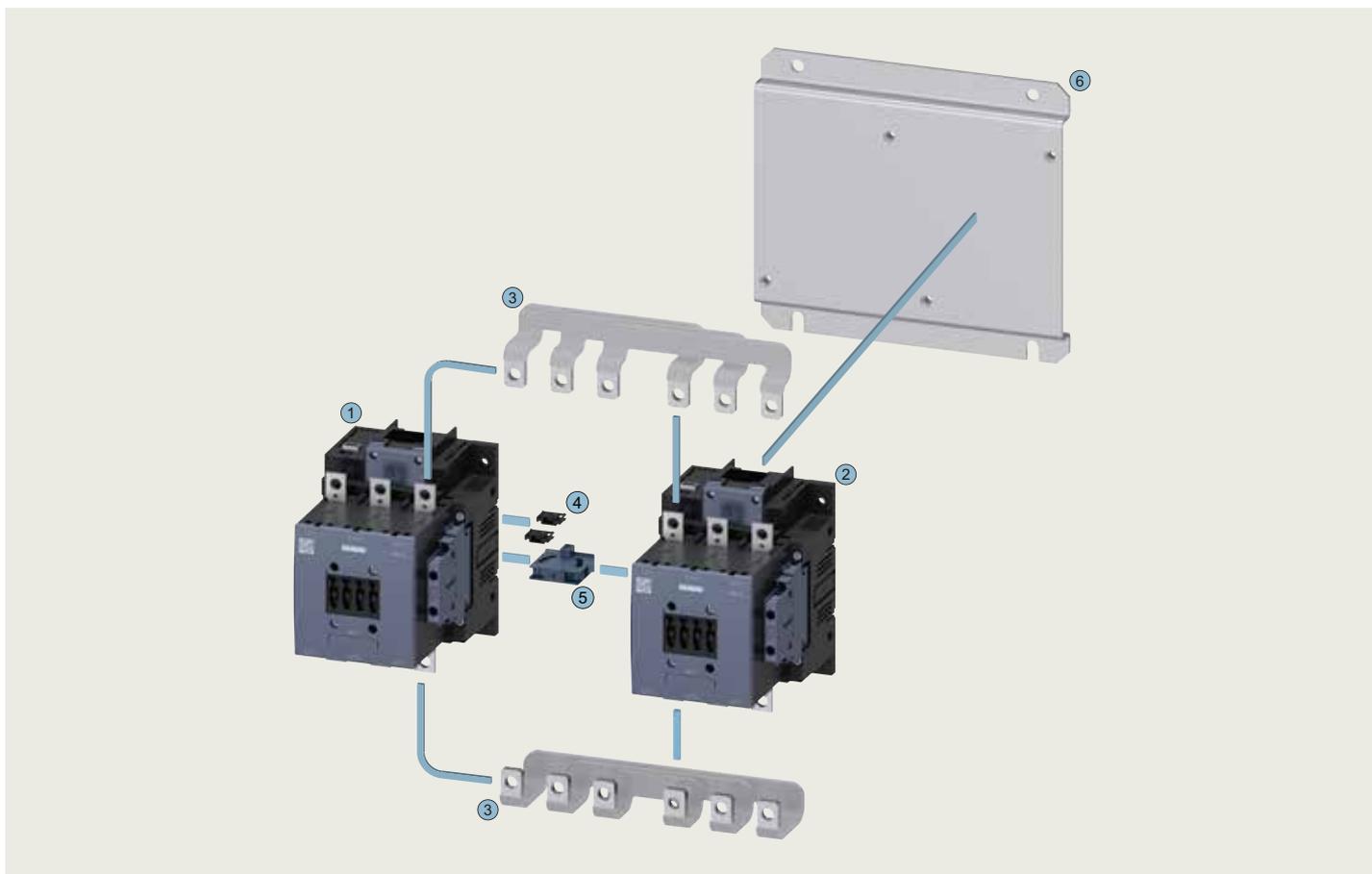
3



4

Accessories for 3RT1 Contactors

S6 - S6 - Mechanical Interlock & Installation kit for reversing contactors



Individual Components

- ① ② Power Contactor Size S6 - S6
- ③ Assembly Kit
- ④ Two connectors for two contactors
- ⑤ Mechanical interlock
- ⑥ Base plate for reversing contactor assemblies

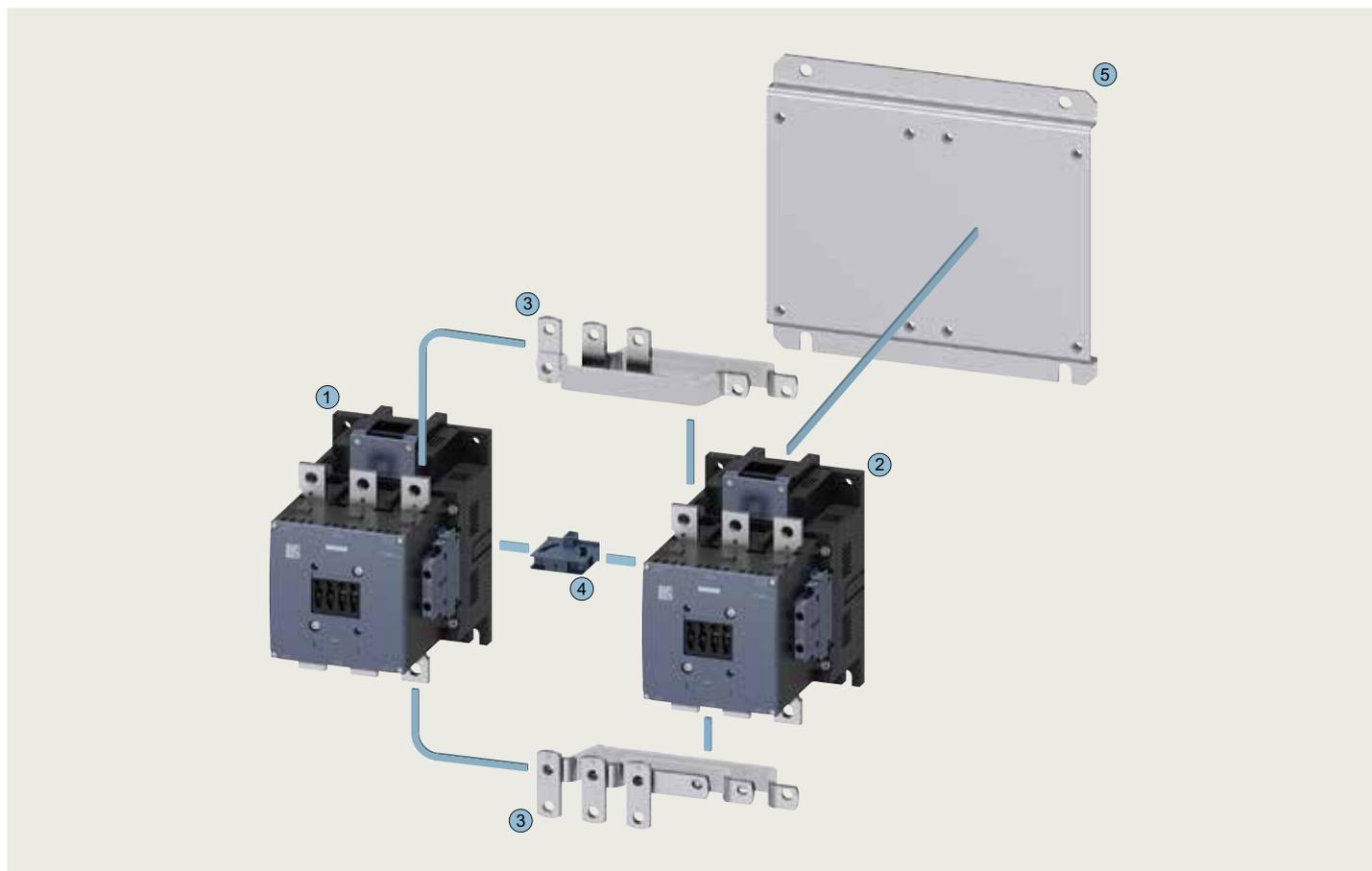
S. No.	Description	Contactor Size	Type	Unit LP ₹ (per unit / set)	Std. pkg. (nos.)
3	<u>Assembly Kit</u> Each kit contains: • Wiring modules on the top & bottom for <u>contactors without box terminals</u> for connecting the main and auxiliary current paths, electrical interlock included (NC Contact interlock)	S6 - S6	3RA1953-2A	29260.-	1 Unit
4	Two connectors for two contactors	S6 - S6	3RA1932-2D	335.-	1 Pack (1 pack = 10 sets)
5	Mechanical interlock	S6 - S6	3RA1954-2A	3615.-	1 Unit
6	Base plate for reversing contactor assemblies	S6 - S6	3RA1952-2A	5465.-	1 Unit

■ Stock items

LP - List Price

Accessories for 3RT1 Contactors

S10 - S10 or S12 - S12 - Mechanical Interlock & Installation kit for reversing contactors



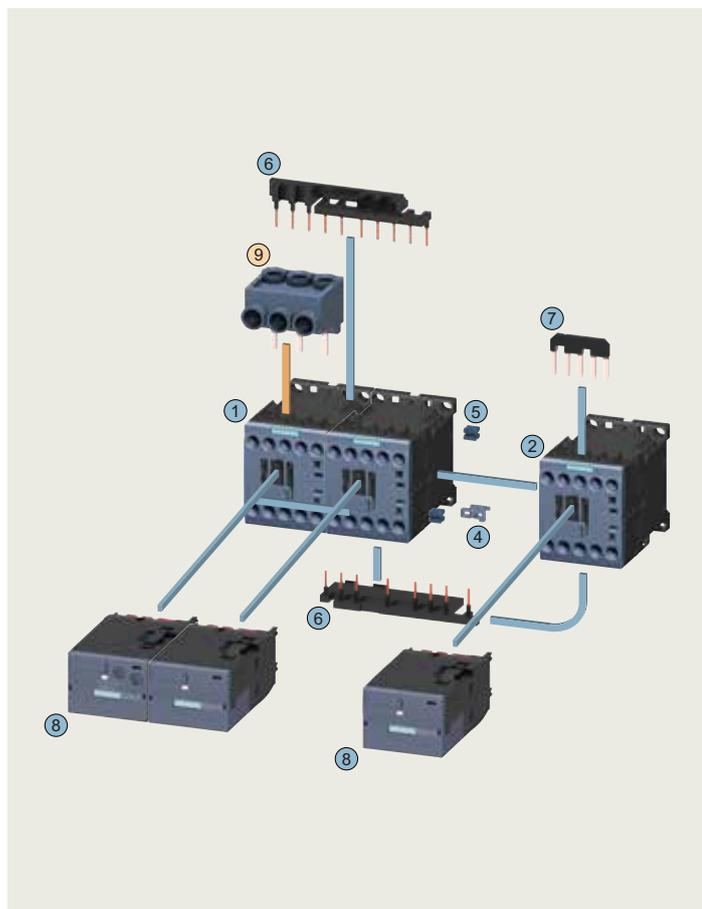
Individual Components

- ① ② Power Contactor Size S10 - S10 or S12 - S12
- ③ Assembly Kit
- ④ Mechanical interlock
- ⑤ Base plate for reversing contactor assemblies

S. No.	Description	Contactor Size	Type	Unit LP ₹ (per unit / set)	Std. pkg. (nos.)
3	<u>Assembly Kit</u> Each kit contains: • Wiring modules on the top & bottom for <u>contactors without box terminals</u> for connecting the main and auxiliary current paths, electrical interlock included (NC Contact interlock)	S10 - S10	3RA1963-2A	31195.-	1 Unit
		S12 - S12	3RA1973-2A	33155.-	1 Unit
4	Mechanical interlock	S10 - S10	3RA1954-2A	3615.-	1 Unit
		S12 - S12			
5	Base plate for reversing contactor assemblies	S10 - S10	3RA1962-2A	8195.-	1 Unit
		S12 - S12	3RA1972-2A	9560.-	1 Unit

Accessories for 3RT2 Contactors

S00-S00-S00 - Mechanical Interlock & Installation kit for star delta contactor assembly



Individual Components

- ① ② ③ Power Contactors:
 Line: S00
 Delta: S00
 Star: S00

Assembly kit : ④ ... ⑦

- ④ Mechanical interlock
- ⑤ 4 Nos Connecting clips for contactors
- ⑥ Wiring modules on the top & bottom for connecting the main and the control path
- ⑦ Star Jumper
- ⑧ Function Module for Star-Delta
- ⑨ 3-phase feeder terminal

S. No.	For Contactor	Description	Type	Unit LP ₹	Std. pkg. (nos.)
4...7	3RT20 1	Assembly Kit Each kit contains: Mechanical interlock 4 Connecting clips, wiring modules on the top & bottom, Star jumper	■ 3RA2913-2BB1*	1305.-	1 Unit
8	3RT20 1	Function module	■ 3RA2816-0EW20	13155.-	1 Unit
9	3RT20 1	3-phase feeder terminal (for Screw type contactors only)	■ 3RA2913-3K	950.-	5 Unit

* For ordering installation kit with spring type terminals please replace last digit from '1' to '2'



4...7



8



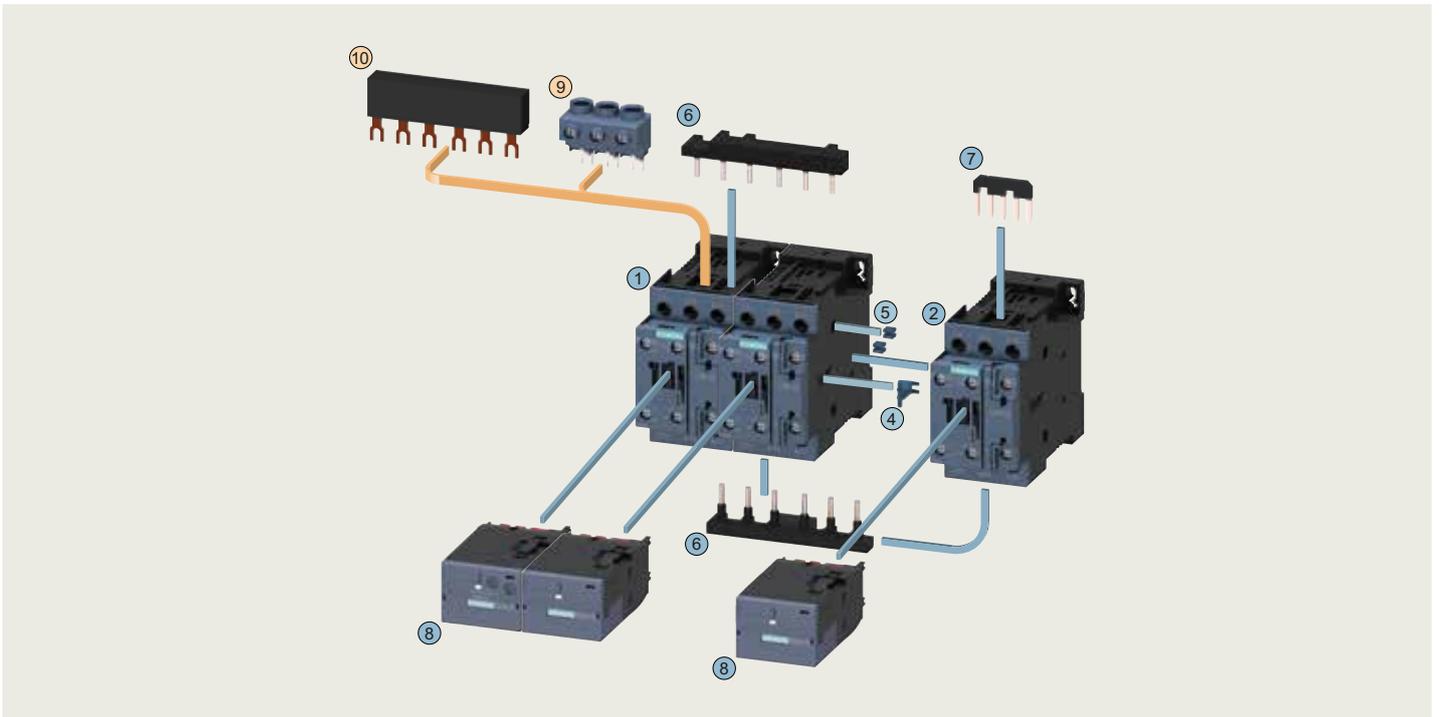
9

■ Stock items

LP - List Price

Accessories for 3RT2 Contactors

S0-S0-S0 - Mechanical Interlock & Installation kit for star delta contactor assembly



Individual Components

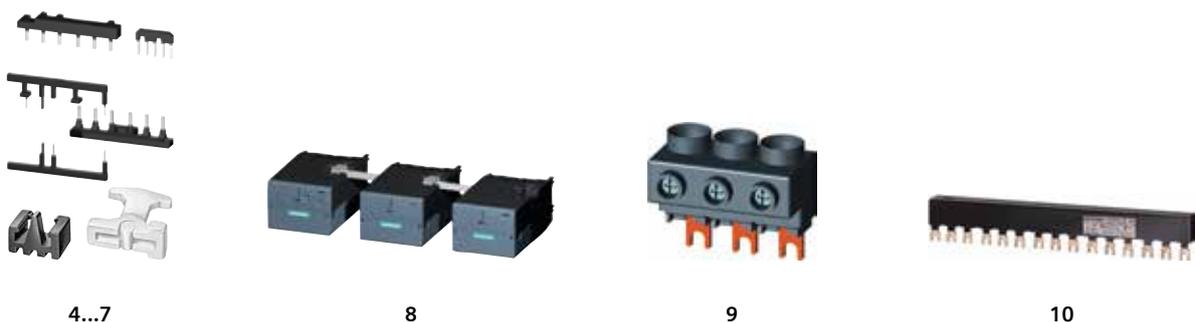
- ① ② ③ Power Contactors:
Line: S0
Delta: S0
Star: S0
- ④ Mechanical interlock
- ⑤ 4 Nos Connecting clips for contactors
- ⑥ Wiring modules on the top & bottom for connecting the main and the control path
- ⑦ Star Jumper
- ⑧ Function Module for Star-Delta
- ⑨ 3-phase feeder terminal
- ⑩ 3-phase busbar

Assembly kit : ④ ... ⑦

- ④ Mechanical interlock
- ⑤ 4 Nos Connecting clips for contactors
- ⑥ Wiring modules on the top & bottom for connecting the main and the control path
- ⑦ Star Jumper

S. No.	For Contactor	Description	Type	Unit LP ₹	Std. pkg. (nos.)
4...7	3RT20 2	Installation Kit Each kit contains: Mechanical interlock 4 Connecting clips, wiring modules on the top & bottom, Star jumper	■ 3RA2923-2BB1*	2090.-	1 Unit
8	3RT20 2	Function module	■ 3RA2816-0EW20	13155.-	1 Unit
9	3RT20 2	3-phase feeder terminal (for Screw type contactors only)	■ 3RV2925-5AB	2175.-	1 Unit
10	3RT20 2	3-phase busbar (for Screw type contactors only)	■ 3RV1915-1AB	1845.-	1 Unit

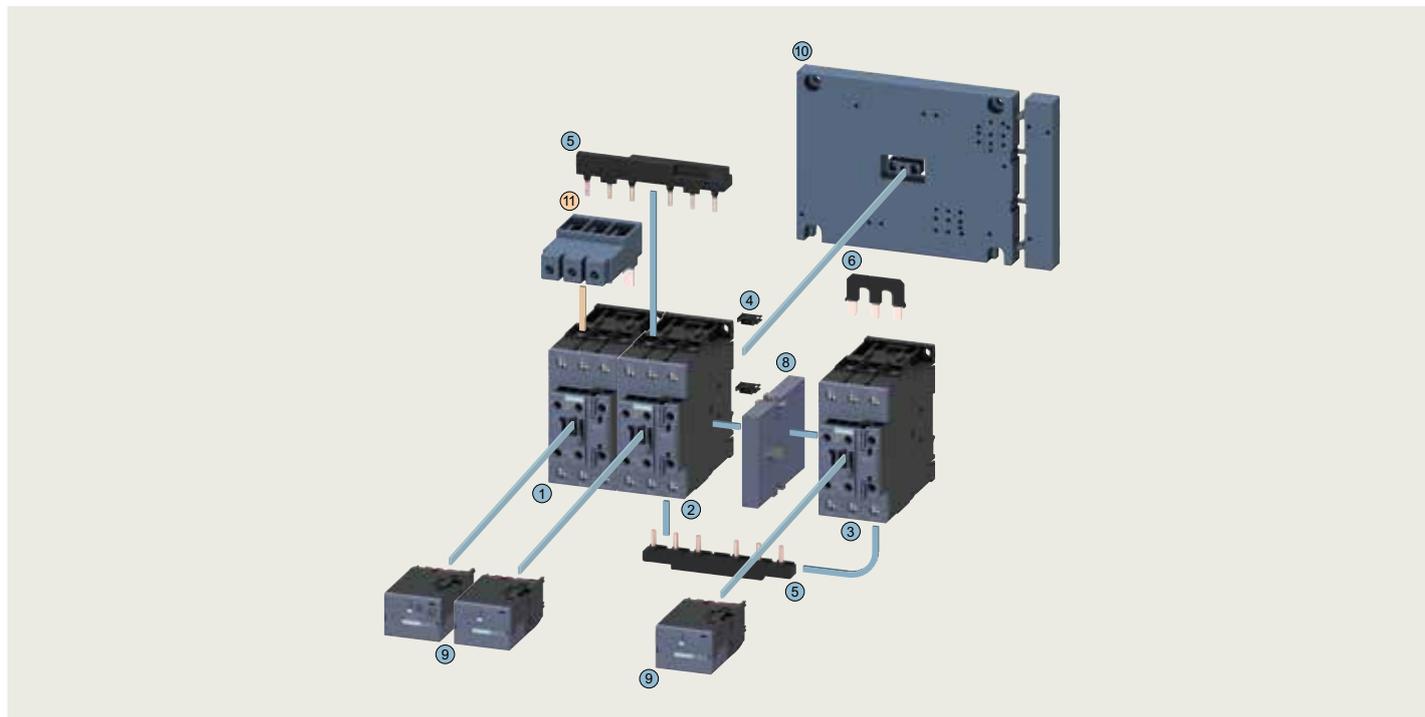
* For ordering installation kit with spring type terminals please replace last digit from '1' to '2'



■ Stock items

Accessories for 3RT2 Contactors

S2-S2-S0/S2 - Mechanical Interlock & Installation kit for star delta contactor assembly

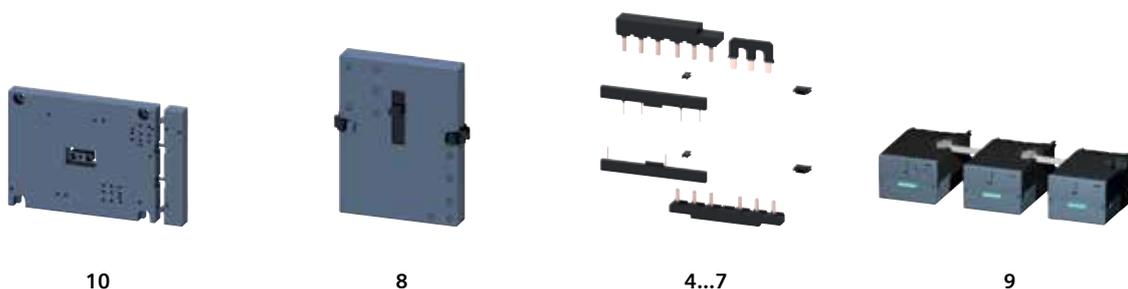


The figure shows the version with screw terminals in S2-S2-S2

Individual Components

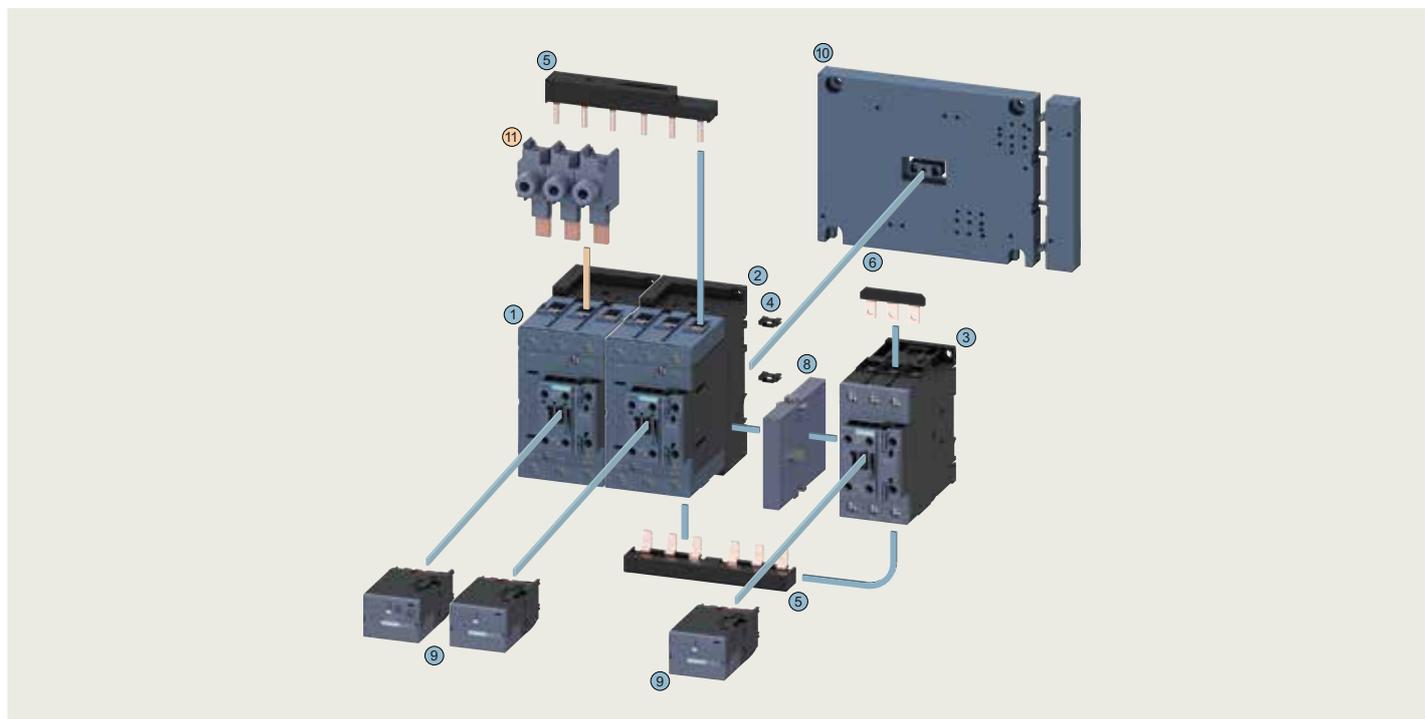
- ① ② ③ Contactors
- ④ ... ⑦ Assembly kit comprising:
S2-S2-S2: 3RA2933-2BB1
S2-S2-S0: 3RA2933-2C
- ④ Connectors for three contactors
- ⑤ Wiring modules on top and bottom for connecting the main and auxiliary circuits
- ⑥ Star jumper
- ⑦ Cable for connecting the A2 coil contact from the line contactor with the A2 coil contact of the delta contactor (not shown in the drawing)
- ⑧ Mechanical interlock
- ⑨ Function modules for star-delta (wye-delta)
- ⑩ Base plate star-delta
- ⑪ 3-phase feeder terminal

S. No.	For Contactor	Type	LP ₹ (per unit / set)	Std. pkg. (nos.)
10	Base plate	3RA2932-2F	2710.-	1 Unit
8	Mechanical interlock, lateral	3RA2934-2B	715.-	1 Unit
4...7	Assembly Kit: S2-S2-S2	3RA2933-2BB1	3165.-	1 Unit
	Assembly Kit: S2-S2-S0	3RA2933-2C	2325.-	1 Unit
9	Functional Module	3RA2816-0EW20	13155.-	1 Unit



Accessories for 3RT2 Contactors

S3-S3-S2/S3 - Mechanical Interlock & Installation kit for star delta contactor assembly

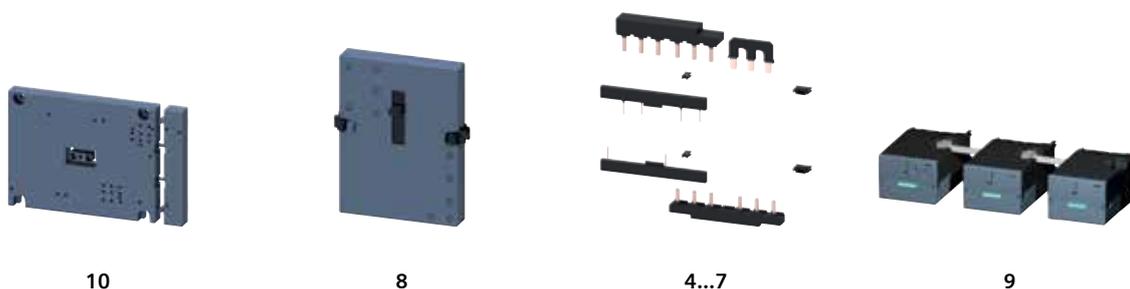


The figure shows the version with screw terminals in S3-S3-S2

Individual Components

- ① ② ③ Contactors
- ④ ... ⑦ Assembly kit comprising:
S3-S3-S3: 3RA2943-2BB
S3-S3-S2: 3RA2943-2C
- ④ Connectors for three contactors
- ⑤ Wiring modules on top and bottom for connecting the main and auxiliary circuits
- ⑥ Star jumper
- ⑦ Cable for connecting the A2 coil contact from the line contactor with the A2 coil contact of the delta contactor (not shown in the drawing)
- ⑧ Mechanical interlock
- ⑨ Function modules for star-delta (wye-delta)
- ⑩ Base plate star-delta
- ⑪ 3-phase feeder terminal

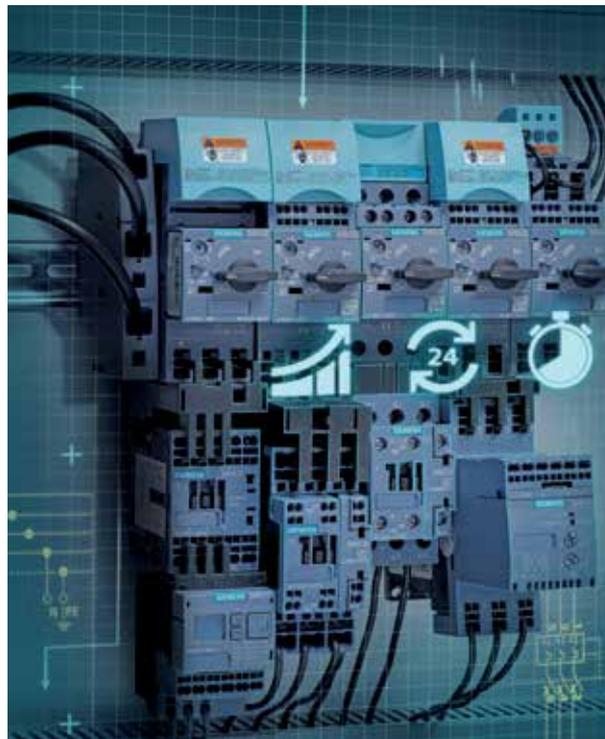
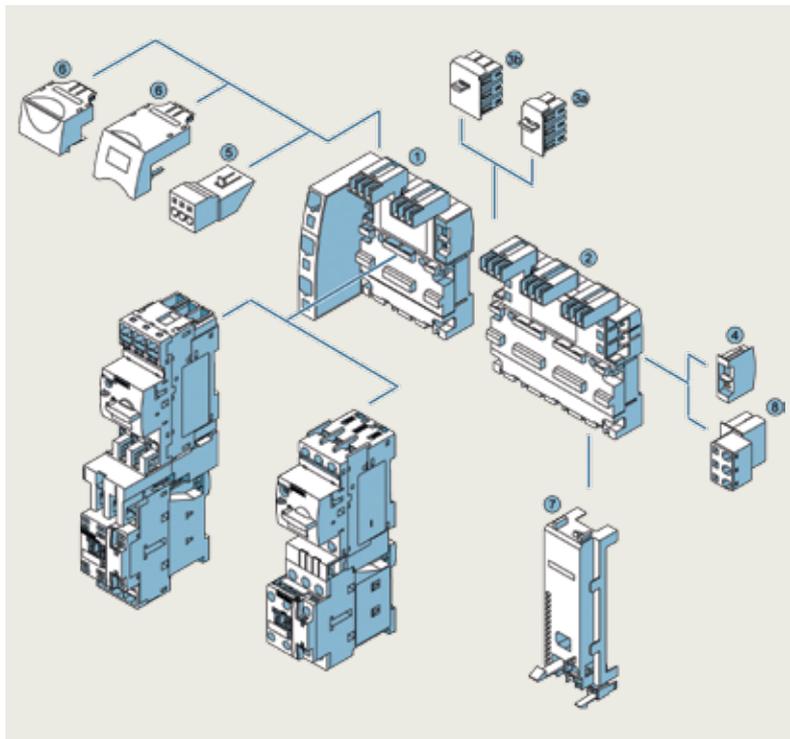
S. No.	For Contactor	Type	LP ₹ (per unit / set)	Std. pkg. (nos.)
10	Base plate	3RA2942-2F	3790.-	1 Unit
8	Mechanical interlock, lateral	3RA2934-2B	715.-	1 Unit
4...7	Assembly Kit: S3-S3-S3	3RA2943-2BB1	2915.-	1 Unit
	Assembly Kit: S3-S3-S2	3RA2943-2C	3230.-	1 Unit
9	Functional Module	3RA2816-0EW20	13155.-	1 Unit



■ Stock items

3RV29 Infeed system

The 3RV29 infeed system is a convenient means of energy supply and distribution for a group of several motor starter protectors or complete load feeders with a screw or spring-type connection in sizes S00 and S0.



Individual Components

- ① 3-phase busbar with infeed
- ② 3-phase busbar for system expansion
- ③a Expansion plug
- ③b Extra-wide expansion plug
- ④ End cover
- ⑤ Terminal block for device infeed
- ⑥ Plug-in connector
- ⑦ Contactor base
- ⑧ Terminal block

- Maximum current carrying capacity of 63 A
- Enables the integration of MPCB's, 1-phase, 2-phase and 3-phase components such as 5SY miniature circuit breakers or SIRIUS relay components.
- Approved in accordance with IEC to 500 V.
- UL-approved and authorized for Type E starter and Type F starter.

Legend	Type of accessory	Version	For 3RV20, 3RV23, 3RV24 MPCB only	Type	Unit LP ₹	Std. pkg. (nos.)
①*	Three-phase busbars with infeed (incl. 3RV2917-6A end cover)	For 2 motor starter protectors with screw or spring-type terminals With infeed on the left	S00, S0	3RV2917-1A	2845.-	1
		For 2 motor starter protectors with screw or spring-type terminals With infeed on the Right	S00, S0	3RV2917-1E	2845.-	1
②+	Three-phase busbars for system expansion (incl. 3RV2917-5BA00 expansion plug)	For 2 motor starter protectors with screw or spring-type terminals	S00, S0	3RV2917-4A	1710.-	1
		For 3 motor starter protectors with screw or spring-type terminals	S00, S0	3RV2917-4B	2290.-	1
③+	Expansion Plug (as spare part)			3RV2917-5BA00	580.-	1
	Extra-wide expansion plugs (as accessory)			3RV2917-5E	1285.-	1
④+	End covers (as spare part)			3RV2917-6A	75.-	10
⑤+	Terminal blocks	for device infeed		3RV2917-5FA00	1955.-	1
⑥*	Plug-in connectors to make contact with motor starter protectors	For spring-type terminals	S00	3RV2917-5AA00	500.-	1
			S0	3RV2927-5AA00	500.-	1
		For Screw-type terminals	S00	3RV2917-5CA00	500.-	1
			S0	3RV1927-5AA00	600.-	1
⑦^	Contactor bases for mounting direct-on-line or reversing starters	For contactors	contactors S00, S0	3RV2927-7AA00	420.-	1
⑧+	Terminal blocks	for integration of single-phase, two-phase and three-phase components		3RV2917-5D	2055.-	1

* Required + Optional ^ Required for Reversing DOL

Reversing Contactor Assemblies - 3RA23



Screw terminals

Size	AC-3 operational current I _e upto 415V A	Motor rating at 415V, 50Hz kW	AC Coil				DC Coil			
			Rated control supply voltage U _s at 50/60Hz V AC	Type*	Unit LP ₹	Std. pkg. (nos.)	Rated control supply voltage U _s V DC	Type*	Unit LP ₹	Std. pkg. (nos.)
S00	7	3	230	3RA2315-8XB30-1AP0	7860.-	1	24	3RA2315-8XB30-1BB4	10420.-	1
	9	4	230	3RA2316-8XB30-1AP0	8285.-	1	24	3RA2316-8XB30-1BB4	11270.-	1
	12	5.5	230	3RA2317-8XB30-1AP0	8665.-	1	24	3RA2317-8XB30-1BB4	12600.-	1
	16	7.5	230	3RA2318-8XB30-1AP0	10265.-	1	24	3RA2318-8XB30-1BB4	13550.-	1
S0	12	5.5	230	3RA2324-8XB30-1AL2	10260.-	1	24	3RA2324-8XB30-1BB4	12620.-	1
	17	7.5	230	3RA2325-8XB30-1AL2	10490.-	1	24	3RA2325-8XB30-1BB4	14475.-	1
	25	11	230	3RA2326-8XB30-1AL2	12655.-	1	24	3RA2326-8XB30-1BB4	19190.-	1
	32	15	230	3RA2327-8XB30-1AL2	23205.-	1	24	3RA2327-8XB30-1BB4	37580.-	1
S2	38	18.5	230	3RA2328-8XB30-1AL2	32555.-	1	24	3RA2328-8XB30-1BB4	42495.-	1
	50	22	230	3RA2336-8XB30-1AL2	36705.-	1	20...33	3RA2336-8XB30-1NB3 [€]	56470.-	1
	65	30	230	3RA2337-8XB30-1AL2	49165.-	1	20...33	3RA2337-8XB30-1NB3 [€]	63110.-	1
S3	80	37	230	3RA2338-8XB30-1AL2	61775.-	1	20...33	3RA2338-8XB30-1NB3 [€]	74805.-	1
	95	45	230	3RA2346-8XB30-1AL2	77205.-	1	20...33	3RA2346-8XB30-1NB3 [€]	86815.-	1
	110	55	230	3RA2347-8XB30-1AL2	88745.-	1	20...33	3RA2347-8XB30-1NB3 [€]	95510.-	1

Star Delta Contactor Assemblies - 3RA24



Screw terminals

Size	AC-3 operational current I _e upto 415V A	Motor rating at 415V, 50Hz kW	AC Coil [§]				DC Coil [®]			
			Rated control supply voltage U _s at 50/60Hz V AC	Type*	Unit LP ₹	Std. pkg. (nos.)	Rated control supply voltage U _s V DC	Type*	Unit LP ₹	Std. pkg. (nos.)
S00-S00-S00	12	5.5	230	3RA2415-8XF31-1AP0	17640.-	1	24	3RA2415-8XF31-1BB4	20700.-	1
	17	7.5	230	3RA2416-8XF31-1AP0	18575.-	1	24	3RA2416-8XF31-1BB4	22535.-	1
	25	11	230	3RA2417-8XF31-1AP0	19465.-	1	24	3RA2417-8XF31-1BB4	24075.-	1
S0-S0-S0	25	11	230	3RA2423-8XF32-1AL2	21790.-	1	24	3RA2423-8XF32-1BB4	26840.-	1
	32/40	15/18.5	230	3RA2425-8XF32-1AL2	25060.-	1	24	3RA2425-8XF32-1BB4	80305.-	1
	50	22	230	3RA2426-8XF32-1AL2	36315.-	1	24	3RA2426-8XF32-1BB4	53785.-	1
S2-S2-S0	50/65	22/30	230	3RA2434-8XF32-1AL2	49040.-	1	20...33	3RA2434-8XF32-1NB3 [€]	73650.-	1
	80	37	230	3RA2435-8XF32-1AL2	51175.-	1	20...33	3RA2435-8XF32-1NB3 [€]	84025.-	1
	86	45	230	3RA2436-8XF32-1AL2	61535.-	1	20...33	3RA2436-8XF32-1NB3 [€]	90530.-	1
S2-S2-S2	115	55	230	3RA2437-8XF32-1AL2	75005.-	1	20...33	3RA2437-8XF32-1NB3 [€]	97720.-	1
	150	75	230	3RA2445-8XF32-1AL2	82150.-	1	20...33	3RA2445-8XF32-1NB3 [€]	107495.-	1
S3-S3-S2	160	90	230	3RA2446-8XF32-1AL2	110075.-	1	20...33	3RA2446-8XF32-1NB3 [€]	128995.-	1

* For ordering above assembly with Spring type terminals, please replace 13th digit from "1 to 2" for S00, S0

€ - Universal operation AC / DC

Above assemblies are also available as "ready to assemble kit" please refer page no. 23-30

Please contact nearest sales office for other coil voltages and with communication interface



Genuine Siemens spares

Buy from our authorised channel partner

Spares coils

Magnetic coils for 3RT2 (S0, S2, S3)



Size	AC Coil					Universal Coil (AC/DC)												
	Contactor type	Rated control supply voltage U_s at 50/60 Hz V AC	Type	Unit LP ₹	Std. pkg. (nos.)	Contactor type	Rated control supply voltage U_s V DC	Type	Unit LP ₹	Std. pkg. (nos.)								
S0	3RT20 23 3RT20 24 3RT20 25	24V	3RT2924-5AC21	950.-	1													
		110V	3RT2924-5AG21		1													
		230V	3RT2924-5AL21		1													
		400V, 50Hz	3RT2924-5AV01		1													
	3RT20 26 3RT20 27 3RT20 28 3RT23 25 3RT23 26 3RT25 26	24V	3RT2926-5AC21		1													
		110V	3RT2926-5AG21		1													
		230V	3RT2926-5AL21		1													
		400V, 50Hz	3RT2926-5AV01		1													
		S2	3RT20 3 3RT23 3 3RT25 3		24V						3RT2934-5AC21	1	4270.-	3RT20 3 3RT23 3 3RT25 3	20 ... 33	3RT2934-5NB31	5400.-	1
					110V						3RT2934-5AG21	1			83 ... 155	3RT2934-5NF31		1
230V	3RT2934-5AL21			1	175 ... 280	3RT2934-5NP31	1											
S3	3RT20 4 3RT23 4 3RT25 4 3RT24 4	24V	3RT2944-5AB01	1	4475.-	3RT20 4 3RT23 4 3RT25 4 3RT24 4	20 ... 33	3RT2944-5NB31	6080.-	1								
		110V	3RT2944-5AF01	1			83 ... 155	3RT2944-5NF31		1								
		230V	3RT2944-5AP01	1			175 ... 280	3RT2944-5NP31		1								

For 24 V DC PLC output/PLC relay output, with remaining lifetime indicator (RLT) [Withdrawable coil with lateral solid-state module]

Size	AC Coil				
	Contactor type	Rated control supply voltage U_s at 40 to 60Hz AC, DC V AC/DC	Type	Unit LP ₹	Std. pkg. (nos.)
S6	3RT10 5 3RT14 5	96...127V AC/DC	3RT1955-5PF31	28905.-	1
		200...277V AC/DC	3RT1955-5PP31	28905.-	1
S10	3RT10 6 3RT14 6	96...127V AC/DC	3RT1965-5PF31	36365.-	1
		200...277V AC/DC	3RT1965-5PP31	36365.-	1
S12	3RT10 7 3RT14 7	96...127V AC/DC	3RT1975-5PF31	48505.-	1
		200...277V AC/DC	3RT1975-5PP31	48505.-	1

Adaptor plates

Description (Adaptor plates for using in place of 3TF/3TR contactors)	Type	Unit LP ₹	MOQ
3RT10/3RT20 15/16/17 replacing 3TF/3TR 30/31	3TX80120A	185.-	5
3RT10/3RT20 25/26 replacing 3TF/3TR 32/33	3TX80250A	280.-	5
3RT10 34/35 replacing 3TF/3TR 34/35	3TX80400A	380.-	5
3RT10 36 replacing 3TF/3TR 46	3TX80500A	450.-	5
3RT10 44/45 replacing 3TF/3TR 47 / 3TF 477	3TX80800A	910.-	1
3RT10 45/46 replacing 3TF/3TR 48/49	3TX80950A	925.-	1
3RT10 56 replacing 3TF/3TR 52	3TX81850A	1620.-	1
3RT10 64 replacing 3TF/3TR 53	3TX82250A	1725.-	1

To replace existing contactor of any other brand please contact nearest sales office.

Arc Chambers for 3RT10 / 3RT14

Size	Contactor type	Version	Type	Unit LP ₹	Std. pkg. (nos.)
S6		Arc chutes 3-pole	3RT1954-7A	4495.-	1
			3RT1955-7A	5085.-	1
			3RT1956-7A	5610.-	1
S10			3RT1964-7A	5750.-	1
			3RT1965-7A	6200.-	1
			3RT1966-7A	6400.-	1
S12			3RT1975-7A	7205.-	1
			3RT1976-7A	7420.-	1
S6	3RT14 56 ¹⁾		3RT1956-7B	7450.-	1
S10	3RT14 66 ¹⁾		3RT1966-7B	8695.-	1
S12	3RT14 76 ¹⁾		3RT1976-7B	10285.-	1

1) For 3RT14 AC-1 duty power contactors

Contacts with fixing parts

For 3RT20 & 3RT10, 3 pole power contactors
1 set = 3 moving and 6 fixed switching contacts
with fixing parts

Size	Contactor type	Type	Unit LP ₹	Std. pkg. (nos.)
S2	3RT20 36	3RT2936-6A	5370.-	1
	3RT20 37	3RT2937-6A	7145.-	1
	3RT20 38	3RT2938-6A	9540.-	1
S3	3RT20 46	3RT2946-6A	9675.-	1
	3RT20 47	3RT2947-6A	13090.-	1
S6	3RT10 54	3RT1954-6A	14830.-	1
	3RT10 55	3RT1955-6A	18610.-	1
	3RT10 56	3RT1956-6A	23700.-	1
S10	3RT10 64	3RT1964-6A	26860.-	1
	3RT10 65	3RT1965-6A	30005.-	1
	3RT10 66	3RT1966-6A	35395.-	1
S12	3RT10 75	3RT1975-6A	46735.-	1
	3RT10 76	3RT1976-6A	60020.-	1

For 3RT24/14 AC-1 duty power contactors
1 set = 3 movable and 6 fixed switching elements
with fixing parts

Size	Contactor type	Type	Unit LP ₹	Std. pkg. (nos.)
S3	3RT24 46	3RT2946-6D	22195.-	1
S6	3RT14 56	3RT1956-6D	36015.-	1
S10	3RT14 66	3RT1966-6D	56080.-	1
S12	3RT14 76	3RT1976-6D	72005.-	1

For 3RT23, 4 pole AC-1 duty contactors
1 set = 4 movable and 8 fixed switching elements
with fixing parts

Size	Contactor type	Type	Unit LP ₹	Std. pkg. (nos.)
S2	3RT23 36	3RT2936-6E	6585.-	1
	3RT23 37	3RT2937-6E	7585.-	1

Spares for 3RT12 Vacuum Contactors

For contactor	Type	Unit LP ₹	Std. pkg. (nos.)
Spare coils			
3RT126	4)	3RT1966-5A..1	14705.-
3RT127	23 ... 26 380 ... 420 110 ... 127 220 ... 240	3RT1975-5AB31 3RT1975-5AV31 3RT1975-5AF318K 3RT1975-5AP318K	17840.-
Solid state operating mechanism			
3RT126	96 ... 127V AC/DC 200 ... 277V AC/DC	3RT1966-5NF31 3RT1966-5NP31	18970.-
3RT127	200 ... 277V AC/DC	3RT1975-5NP31	25260.-
Spare vacuum bottles (set of 3)			
3RT1264 3RT1265 3RT1266	3RT1964-6V 3RT1965-6V 3RT1966-6V	95185.- 109915.- 134090.-	1 1 1
3RT1275 3RT1276	3RT1975-6V 3RT1976-6V	162040.- 195030.-	1 1

4) Coil voltage (AC/DC) - Please enter coil codes from table below

Code	B3	F3	P3	V3
Coil voltage (V)	23-26	110-127	220-240	380-420



Contactor Relays - SICONT^{Plus} 3TH3

Contactor size	Rated current (A) Ie AC15 at 230V	AC 50 Hz coil (LPs for 110, 230, 415V)				DC coil (LPs for 24, 110, 220V)			
		Aux. contacts	Type Pl. fill in coil voltage code	Unit LP ₹	Std. pkg. (nos.)	Aux. contacts	Type Pl. fill in coil voltage code	Unit LP ₹	Std. pkg. (nos.)
0	10	4NO ⁵	■ 3TH3040-0A..	2060.-	1	4NO ⁵	■ 3TH3040-0B..	2925.-	1
		3NO + 1NC ⁵	■ 3TH3031-0A..			3NO + 1NC ⁵	■ 3TH3031-0B..		
		2NO + 2NC ⁵	■ 3TH3022-0A..			2NO + 2NC ⁵	■ 3TH3022-0B..		

Power Contactors - SICOP 3TF

Size	Rated current (A) Ie AC3 upto 415V	Motor kW at 415V 50Hz, 3ph	AC 50 Hz coil (LPs for 110, 230, 415V)				DC coil (LPs for 24, 110, 220V)			
			Auxiliary contacts	Type Pl. fill in coil voltage code	Unit LP ₹	Std. pkg. (nos.)	Auxiliary contacts	Type Pl. fill in coil voltage code	Unit LP ₹	Std. pkg. (nos.)
0	9	4	1NO ⁵	■ 3TF3010-0A..	1800.-	1	1NO ⁵	■ 3TF3010-0B..	3300.-	1
			1NC ⁵	■ 3TF3001-0A..	1800.-		1NC ⁵	■ 3TF3001-0B..	3300.-	
	12	5.5	1NO ⁵	■ 3TF3110-0A..	2040.-	1	1NO ⁵	■ 3TF3110-0B..	3500.-	1
			1NC ⁵	■ 3TF3101-0A..	2040.-		1NC ⁵	■ 3TF3101-0B..	3500.-	
1	16	7.5	- ⁵	■ 3TF3200-0A..	2145.-	1	- ⁵	■ 3TF3200-0B..	4060.-	1
	22	11	- ⁵	■ 3TF3300-0A..	2910.-	1	- ⁵	■ 3TF3300-0B..	5480.-	1
2	32	15	- ⁵	■ 3TF3400-0A..	6570.-	1	- ⁵	■ 3TF3400-0B..	12700.-	1
	38	18.5	- ⁵	■ 3TF3500-0A..	9525.-	1	- ⁵	■ 3TF3500-0B..	15050.-	1
	40	18.5	- ⁵	■ 3TF3500-0A..ZT00^	9670.-	1	- ⁵	■ 3TF3500-0B..ZT00^	15190.-	1

Auxiliary contact blocks

Size	Rated current (A) Ie AC3 upto 415V	Motor kW at 415V 50Hz, 3ph	AC 50 Hz coil (LPs for 110, 230, 415V)				For contactor	Description	Type	Unit LP ₹	Std. pkg. (nos.)
			Auxiliary contacts	Type Pl. fill in coil voltage code	Unit LP ₹	Std. pkg. (nos.)					
3	45	22	2NO + 2NC ⁵	■ 3TF4602-0A..ZA01 [®]	13150.-	3TF30 to 35 & 3TH30	1NO	■ 3TX4010-2A	280.-	10	
	63	30	2NO + 2NC ⁵	■ 3TF4702-0A..ZA01 [®]	19015.-		1NC	■ 3TX4001-2A	280.-	10	
	65	30	2NO + 2NC ⁵	■ 3TF4702-0A..ZT00^	19135.-		1NO (Ext)	■ 3TX4010-4A	430.-	10	
	70	37	2NO + 2NC ⁵	■ 3TF4772-0A..	20365.-		1NC (Ext)	■ 3TX4001-4A	430.-	10	
4	75	42	2NO + 2NC ⁵	■ 3TF4822-0A..ZA01 [®]	23935.-	3TF46 to 3TF56	Second 1NO+1NC Left	■ 3TY7561-1KA008K	1275.-	1	
	85	45	2NO + 2NC ⁵	■ 3TF4922-0A..ZA01 [®]	29830.-		Second 1NO+1NC Right				
6	110	55	2NO + 2NC ⁵	■ 3TF5002-0A..	35695.-						
	140	75	2NO + 2NC ⁵	■ 3TF5102-0A..	47080.-						
8	170	90	2NO + 2NC ⁵	■ 3TF5202-0A..	58820.-						
	205	110	2NO + 2NC ⁵	■ 3TF5302-0A..	63225.-						
10	250	132	2NO + 2NC ⁵	■ 3TF5402-0A..	77670.-						
	300	160	2NO + 2NC ⁵	■ 3TF5502-0A..	96150.-						
12	400	200	2NO + 2NC ⁵	■ 3TF5602-0A..	112755.-						

[®] For box type (SIGUT) terminals, order 2 nos 3TX7460-0E, LP ₹ 645.- each.

⁵ For more aux. contacts, pl. see table above.

[^] B0, F0, P0 and B4 coil voltage only available

Note: DC Coil - 3TF4/5 has been discontinued. 3RT Contactors (Page No. 6-7) recommended

Size	Rated current (A) Ie AC3 upto 415V	Motor kW at 415V 50Hz, 3ph	AC 50 Hz coil (LPs for 110, 230, 415V)				DC coil (LPs for 24, 110, 220V)			
			Auxiliary contacts	Type Pl. fill in coil voltage code	Unit LP ₹	Std. pkg. (nos.)	Auxiliary contacts	Type Pl. fill in coil voltage code	Unit LP ₹	Std. pkg. (nos.)
14	630	355	4NO + 4NC	3TF6844-0C..	refer	1	3NO + 3NC	3TF6833-1D.. ¹⁾	refer	1
	820	450	4NO + 4NC	3TF6944-0C..	page no. 10		1	3NO + 3NC	3TF6933-1D.. ¹⁾	

1) LP includes control contactor

AC 50Hz coil code: 3TF30 to 3TF56, 3TH3

Coil voltage (V)	24	■ 110	■ 230	■ 415
Code	B0	F0	P0	R0

Wide band AC 50 Hz coil code: 3TF30 to 3TF35

Coil voltage (V)	70-140	150-280	260-460
Code	W110	W220	W415

AC 50/60 Hz coil code: 3TF68/69

Coil voltage (V)	110-132	■ 220-240	380-460
Code	F7	M7	Q7

DC coil code: 3TF30 to 3TF35, 3TF68/69, 3TH3

Coil voltage (V)	■ 24	110	220
Code	B4	F4	M4

■ Stock items

Please order in multiples of standard packing.

LP - List Price

Extra LP per unit for non-std coils B0 / M0# / U0# (AC), DC and wide band

for 3TH, 3TF30 to 33	350.-	for 3TF34 to 49	415.-	for 3TF50 to 56	1080.-
Wide band coil for 3TH, 3TF30 to 33	350.-	Wide band coil for 3TF34/35	415.-		

For any non-standard coil or contactor with non standard coil, minimum order quantity should be 100 nos. or minimum order value of ₹1,00,000/- per item.

For non-standard coil voltages not mentioned above, pl. check with Siemens.

M0: 220V AC, U0: 240V AC

2 Pole DC Contactors - 3TC



For DC loads
with AC coil, 2NO+2NC aux. contacts

Contactor size	Rated current Ie (A) DC3/5	Type ²⁾	Unit LP ₹	Std. pkg. (nos.)
2	32	3TC4417-0B..	29390.-	1
4	75	3TC4817-0B..	146305.-	1
8	220	3TC5217-0B..	246305.-	1
12	400	3TC5617-0B..	420615.-	1

²⁾ AC coil voltage - Please enter coil codes from table below

Code	F0	U0
Coil voltage (V) (50Hz)	110	240

with DC coil, 2NO + 2NC aux. contacts

Contactor size	Rated current Ie (A) DC3/5	Type ³⁾	Unit LP ₹	Std. pkg. (nos.)
2	32	3TC4417-0A..	40560.-	1
4	75	3TC4817-0A..	176220.-	1
8	220	3TC5217-0A..	302790.-	1
12	400	3TC5617-0A..	558925.-	1

³⁾ DC coil voltage - Please enter coil codes from table below

Code	B4	F4	M4
Coil voltage (V)	24	110	220

Accessories for SICOP / SICONT^{Plus}

Interlocking kit for two 3TF contactors
(inclusive of base plate and interlocking mechanism)

Contactor type	Type	Unit LP ₹	Std. pkg. (kits)
3TF30-35	■ 3TX4091-1A [#]	880.-	10
3TF46/47/47-7	■ 3TX7466-1YA0	3115.-	2
3TF48/49	■ 3TX7486-1YA0	5075.-	2
3TF50/51	■ 3TX7506-1YA0	5700.-	2
3TF52/53	■ 3TX7526-1YA0	6525.-	2
3TF54/55	■ 3TX7546-1YA0	7855.-	2
3TF56/57	■ 3TX7566-1YA0	8390.-	2
3TF50/52	■ 3TX7526-1YA09	6525.-	2
3TF52/54	■ 3TX7546-1YA09	7855.-	2

Note: Higher rating upon enquiry [#] W/o base plate (not required)

Coil voltage		Type	Unit LP ₹	Std. pkg. (nos.)
AC	DC			
Surge suppressor (varistor) for 3TF30-35, 3TH30				
24 - 48 V	24 - 70 V	■ 3TX7402-3GY1	795.-	10
48 - 127V	70 - 150V	■ 3TX7402-3HY1	795.-	10
127 - 240V	150 - 250V	■ 3TX7402-3JY1	795.-	10
240 - 400V	—	■ 3TX7402-3KY1	1020.-	10
400 - 600V	—	■ 3TX7402-3LY1	1020.-	10
Surge suppressor (RC unit) for 3TF30-35, 3TH30				
24 - 48 V	24 - 70 V	■ 3TX7402-3RY2	1270.-	10
48 - 127V	70 - 150V	■ 3TX7402-3SY2	1270.-	10
127 - 240V	150 - 250V	■ 3TX7402-3TY2	1270.-	10
240 - 400V	—	■ 3TX7402-3UY2	1270.-	10
400 - 600V	—	■ 3TX7402-3VY2	1270.-	10
Surge suppressor (varistor) for 3TF46-56				
Less than 48V	24 - 70V	■ 3TX7462-3GY1	1090.-	10
48 - 127V	70 - 150V	■ 3TX7462-3HY1	1090.-	10
127 - 240V	150 - 250V	■ 3TX7462-3JY1	1090.-	10
240 - 400V	—	■ 3TX7462-3KY1	1155.-	10
400 - 600V	—	■ 3TX7462-3LY1	1155.-	10



Spares for SICOP and SICONT^{Plus} Contactors

SICOP main contact kits (set of 6 fixed & 3 moving contacts)

For Contactor (AC3 Rating)	Type	LP per set ₹	Std. pkg. (nos.)
3TF32/42 (16A)	■ 3TY7420-0A	1210.-	1
3TF33/43 (22A)	■ 3TY7430-0A	1690.-	1
3TF34 (32A)	■ 3TY7340-0C	3245.-	1
3TF35 (38A)	■ 3TY7350-0C	4945.-	1
3TF44 (32A)	■ 3TY7440-0A	3590.-	1
3TF45 (38A)	■ 3TY7450-0A	4945.-	1
3TF46 (45A)	■ 3TY7460-0YA	5310.-	1
3TF47 (63A)	■ 3TY7470-0YA	7735.-	1
3TF477 (70A)	■ 3TY7477-0YA	8970.-	1
3TF48 (75A)	■ 3TY7480-0A	10315.-	1
3TF49 (85A)	■ 3TY7490-0A	13820.-	1
3TF50 (110A)	■ 3TY7500-0YA	15075.-	1
3TF51 (140A)	■ 3TY7510-0YA	18965.-	1
3TF52 (170A)	■ 3TY7520-0YA	23830.-	1
3TF53 (205A)	■ 3TY7530-0YA	25425.-	1
3TF54 (250A)	■ 3TY7540-0YA	30575.-	1
3TF55 (300A)	■ 3TY7550-0YA	35950.-	1
3TF56 (400A)	■ 3TY7560-0YA	47570.-	1
3TF68 (630A)	3TY7680-0B [§]	322170.-	1
3TF69 (820A)	3TY7690-0B [§]	517640.-	1

§ Set of 3x vacuum bottles.

Auxiliary contact blocks

For contactor	Description	Type	Unit LP ₹	Std. pkg. (nos.)
3TF46-56	1NO + 1NC (Extd) Right	3TY7561-1E	1640.-	1
3TF46 to 3TF56	Built-in, 1NO+1NC Left / Right	3TY7561-1AA00-8K	1275.-	1
	Add-on, Second 1NO+1NC Left / Right	3TY7561-1KA00-8K	1275.-	1

DC coils

For contactor	Type [†]	Unit LP ₹		Std. pkg. (nos.)
		For 24/110/ 220V		
3TH3, 3TF30-33/42/43	■ 3TY4803-0B..	1480.-		1
3TF34/35	3TY7443-0B..	2215.-		1
3TF68	3TY7683-0D..	LP on request		1

† Pl. add coil voltage code from table on page no. 35.

24V, 110V, 220V are stock items only for 3TH3/3TF30/31/32/33

SICOP arc chambers

For Contactor	Type	Unit LP ₹	Std. pkg. (nos.)
3TF34	3TY7342-0C	875.-	1
3TF35	3TY7352-0C	925.-	1
3TF46	3TY7462-0YA	1815.-	1
3TF47	3TY7472-0YA	2215.-	1
3TF477	3TY7477-0YD	2670.-	1
3TF48	3TY7482-0A	3220.-	1
3TF49	3TY7492-0A	3715.-	1
3TF50	3TY7502-0YA	4410.-	1
3TF51	3TY7512-0YA	5025.-	1
3TF52	3TY7522-0YA	5515.-	1
3TF53	3TY7532-0YA	5685.-	1
3TF54	3TY7542-0YA	6125.-	1
3TF55	3TY7552-0YA	6310.-	1
3TF56	3TY7562-0YA	7115.-	1

AC coils (50 Hz)

For contactor	Type [†]	Unit LP ₹		Std. pkg. (nos.)
		For 110/230/ 415V 50Hz	For all other coil voltages	
3TH3, 3TF30-33/42/43	■ 3TY7403-0A..	1085.-	1235.-	1
3TF34/35/44/45	■ 3TY7443-0A..	1340.-	1735.-	1
3TF46/47/477	■ 3TY7463-0A..	2325.-	2705.-	1
3TF48/49	■ 3TY7483-0A..	4245.-	4645.-	1
3TF50/51	■ 3TY7503-0A..	4320.-	5375.-	1
3TF52/53	■ 3TY7523-0A..	5475.-	6520.-	1
3TF54/55	■ 3TY7543-0A..	6620.-	7675.-	1
3TF56	■ 3TY7563-0A..	9620.-	11720.-	1
3TF68	3TY7683-0C..	72760.-	NA	1
3TF69	3TY7693-0C..	LP on request	NA	1

† Pl. add coil voltage code from table on page no. 35.

110V, 230V, 415V are stock items for 3TH, 3TF30-56

24V is stock item only for 3TH3/3TF30/31/32/33

** Available till stock last

LP - List Price

■ Stock items

Siemens switchgear. Tried, tested, trusted.

Connector

The 3TS90 connector is used to mount the motor protection circuit breaker 3VS on the contactor 3TF with screw terminals. It enables mechanical and electrical connection between contactor and motor starter protection circuit breaker.



Range:

MPCB		Contactor		Type of Connector	Unit LP ₹	Std. pkg. (nos.)
Type	Current Rating	Type	AC3 Current Rating			
3VS13	0.16 to 20A	3TF30/31	9 / 12 A	3TS9001-8K	465.-	1
3VS13	6 to 25A	3TF32/33	16 / 22A	3TS9002-8K	555.-	1

Benefits:

- 1) Direct mounting of 3VS MPCB on 3TF
- 2) Secure poor connections
- 3) Reduced feeder size and assemble time

Spares for 3TC Contactors

Description	Version	Type	Unit LP ₹	Std. pkg. (nos.)
Set of main contacts	3TC44	3TY2440-0A	10560.-	1
	3TC48	3TY2480-0A	25850.-	1
	3TC52	3TY2520-0A	73305.-	1
	3TC56	3TY2560-0A	145380.-	1
AC coils ¹⁾ (50 Hz)	3TC44	3TY7403-0A..	1085.-	1
	3TC52	3TY6523-0A..	18595.-	1
DC coils ²⁾	3TC44	3TY6443-0B..	19050.-	1
	3TC48	3TY6483-0B..	32490.-	1
	3TC52	3TY6523-0B..	80340.-	1
	3TC56	3TY6563-0B..	111575.-	1
Arc chambers	3TC44	3TY2442-0A	10345.-	1
	3TC48	3TY2482-0A	18770.-	1
	3TC52	3TY2522-0A	29215.-	1
	3TC56	3TY2562-0A	59055.-	1
Auxiliary contacts 1st 1NO + 1NC Left/Right 2nd 1NO + 1NC Left 2nd 1NO + 1NC Right	3TC44/48	3TY6501-1AA00	4705.-	1
	3TC48	3TY6501-1K		1
	3TC48	3TY6501-1L		1

1) AC coil voltage - Please enter coil codes from table below

Code	B0	F0	U0	R0
Coil voltage (50 Hz)	24	110	240	415 ^S

\$ Only for 3TC 44

2) DC coil voltage - Please enter coil codes from table below

Code	B4	F4	M4
Coil voltage	24	110	220



■ Stock items

Please order in multiples of standard packing.



SINOVA 3MT7

Capacitor Duty Contactors

Reliable Switching

www.siemens.co.in

SIEMENS

3MT7 Capacitor Duty Contactors

NEW



Comprehensive Range

Available from 2.5kvar to 100kvar offering more options for accurate selection thus reducing the cost of installation.



Reliable

The entire range is DIN rail mountable for quick installation and provides excellent damping of inrush current enhancing your system life.



Safe

Confirming to UL508, CSA 22.2, IEC 60947-4-1 and IEC 60947-5-1 standards and is RoHS compliant.



Capacitor kvar 415V AC, 3Ph, 50Hz	Built-in aux. contacts	Type®	Unit LP ₹	Built-in aux. contacts	Type®	Unit LP ₹	Std. pkg. (nos.)
NEW 2.5kvar	1NO	3MT70002JA106A..	2460.-	1NC	3MT70002JA016A..	2460.-	1
NEW 5kvar	1NO	3MT70005JA106A..	2720.-	1NC	3MT70005JA016A..	2720.-	1
NEW 7.5kvar	1NO+1NC	3MT70007JA116A..	2995.-	2NC	3MT70007JA026A..	2995.-	1
NEW 10kvar	1NO+1NC	3MT70010JA116A..	3730.-	2NC	3MT70010JA026A..	3730.-	1
NEW 12.5kvar	1NO+1NC	3MT70012JA116A..	3810.-	2NC	3MT70012JA026A..	3810.-	1
NEW 16.7kvar	1NO+1NC	3MT70016JA116A..	5050.-	2NC	3MT70016JA026A..	5050.-	1
NEW 20kvar	1NO+1NC	3MT70020JA116A..	5615.-	2NC	3MT70020JA026A..	5615.-	1
NEW 25kvar	1NO+1NC	3MT70025JA116A..	6435.-	2NC	3MT70025JA026A..	6435.-	1
NEW 33.3kvar	1NO+2NC	3MT70033JA126A..	9755.-				1
NEW 40kvar	1NO+2NC	3MT70040JA126A..	15745.-				1
NEW 50kvar	1NO+2NC	3MT70050JA126A..	18430.-				1
60kvar	1NO+2NC	3MT70060JA126A..	19590.-				1
80kvar	1NO+2NC	3MT70080JA126A..	24050.-				1
100kvar	1NO+2NC	3MT70100JA126A..	24990.-				1

@ Please enter coil codes from table below

Coil for Contactors 2.5 to 60 kvar

Frequency	24V AC	110V AC	220V AC	240V AC	415V AC
50/60 Hz	C2	G2	N2 ■	P2 ■	R2

Coil for Contactors 80 and 100 kvar

Frequency	110V AC	220V AC	240V AC	415V AC
50 Hz	F0	M0 ■	U0 ■	V0

Spares for 3MT7 Contactors

Contactor Coils	Type®	Unit LP ₹	Std. pkg. (nos.)
2.5kvar to 16.7kvar : 3MT70002 to 3MT70016	3MT72000L..9M1A	735.-	1
20kvar to 25kvar : 3MT70020 to 3MT70025	3MT74000L..9M1A	870.-	1
33.3kvar to 60kvar : 3MT70033 to 3MT70075	3MT76000L..9M1A	2235.-	1
80kvar to 100kvar : 3MT70080 to 3MT70100	3MT78000L..9M1A	2440.-	1

Spare side aux. contact block	Type	Unit LP ₹	Std. pkg. (nos.)
1NO+1NC	3MT70110CL09M1A	550.-	10
2NC	3MT70200CL09M1A	550.-	10

3TS Converter duty Contactors

Features

- Offers one of the highest AC-1 rating in given size
- Arc chamber interlock
- SIGUT Termination technique
- Compact Dimensions
- Screw mounting
- Double break parallel bridge auxiliary contacts

Applications

- VFD, Soft Starters applications
- UPS
- Solar and Wind inverters
- Resistive loads
- Battery charging
- Neutral switching



Contactor Size	Rated current Ie (A) AC1 at 415V	AC Coil		
		Type	Unit LP ₹	Std. pkg. (nos.)
3	100	3TS4822-0A..1-8K	12775.-	1
4	145	3TS5022-0A..1-8K	22255.-	1
6	200	3TS5122-0A..1-8K	29970.-	1
6	225	3TS5222-0A..1-8K	34765.-	1
8	275	3TS5322-0A..1-8K	49395.-	1
8	325	3TS5422-0A..1-8K	55840.-	1
10	400	3TS5522-0A..1-8K	63175.-	1
12	525	3TS5622-0A..1-8K	86485.-	1

* for 3TS48-3TF56

Code	AC Coil (50Hz)	
	F0	P0
Coil voltage (V)	110	230

3TS 2 Pole Contactors

Benefits:

- Ease of wiring (can avoid use of lugs)
- Operator Safety (contactor cannot be switched-on if arc chamber is not fitted properly)
- Flexible mounting
- Space saving
- Unmatched contact reliability (ensures reliable contact at low voltage & low currents)

Standards:

3TS contactors conform to IS 13947 and IEC 60947. They also carry CE mark.

Application:

- Single Phase Pumps
- HVAC
- ESP
- Lighting



Rated current (A) Ie AC3 upto 415V	Auxiliary contacts	Type#	Unit LP ₹	Std. pkg. (nos.)
9	1NO	3TS3010-0A..2-8K	1130.-	1
12	1NO	3TS3110-0A..2-8K	1255.-	1
18	1NO	3TS3210-0A..2-8K	1455.-	1
25	-	3TS3300-0A..2-8K	1805.-	1
32	-	3TS3400-0A..2-8K	3970.-	1
40	-	3TS3500-0A..2-8K	5670.-	1
50	-	3TS3600-0A..2-8K	7210.-	1
65	2NO+2NC	3TS4722-0A..2-8K	10835.-	1
75	2NO+2NC	3TS4822-0A..2-8K	12775.-	1
85	2NO+2NC	3TS4922-0A..2-8K	14875.-	1
105	2NO+2NC	3TS5022-0A..2-8K	19585.-	1
140	2NO+2NC	3TS5122-0A..2-8K	23805.-	1
160	2NO+2NC	3TS5222-0A..2-8K	32375.-	1
205	2NO+2NC	3TS5322-0A..2-8K	35670.-	1
250	2NO+2NC	3TS5422-0A..2-8K	40955.-	1
300	2NO+2NC	3TS5522-0A..2-8K	51680.-	1
400	2NO+2NC	3TS5622-0A..2-8K	66840.-	1

#Coil voltage (V AC 50Hz)	110 V AC	230 V AC	415V AC
Code	F0	P0	R0

Spares for 3TS Contactors

Convertor Duty

Main contact kits (set of 6 fixed & 3 moving contacts)

Contactor rating	Description	Type*	Unit LP ₹	Std. pkg. (nos.)
3TS48	Spare main contact kits	3TS9148-01-8K	6180.-	1
3TS50		3TS9150-01-8K	11025.-	1
3TS51		3TS9151-01-8K	14995.-	1
3TS52		3TS9152-01-8K	16770.-	1
3TS53		3TS9153-01-8K	23805.-	1
3TS54		3TS9154-01-8K	26460.-	1
3TS55		3TS9155-01-8K	29105.-	1
3TS56		3TS9156-01-8K	38815.-	1

Spare coils

	AC Coil*	Unit LP ₹
3TS48	3TY7463-0A..	2325.-
3TS50	3TY7483-0A..	4245.-
3TS51/52	3TY7503-0A..	4320.-
3TS53/54	3TY7523-0A..	5475.-
3TS55	3TY7543-0A..	6620.-
3TS56	3TY7563-0A..	9620.-

3TS 4 Pole Contactors for Power Applications

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Contactor Size	Rated current Ie (A) AC1 at 415V	AC Coil ¹⁾	Unit LP ₹		DC Coil ¹⁾	Unit LP ₹	
			Standard Coil	Electronic Coil		Standard Coil	Electronic Coil
Size 0	18A	3TS3100-0A..4-8K	1815.-		3TS3100-0B..4-8K	3585.-	
Size 0	25A	3TS3200-0A..4-8K	1915.-		3TS3200-0B..4-8K	4065.-	
Size 1	35A	3TS3300-0A..4-8K	2155.-		3TS3300-0B..4-8K	4635.-	
Size 1	40A	3TS3400-0A..4-8K	2840.-		3TS3400-0B..4-8K	6855.-	
Size 2	45A	3TS3500-0A..4-8K	3325.-	4080.-	3TS3500-0B..4-8K		7890.-
Size 2	50A	3TS3600-0A..4-8K	3690.-	4480.-	3TS3600-0B..4-8K		10005.-
Size 2	65A	3TS3700-0A..4-8K	7245.-	8055.-	3TS3700-0B..4-8K		14075.-
Size 2	65A*	3TS3700-0A..4-8KA0	8180.-	8980.-	3TS3700-0B..4-8KA0		16140.-

1) Please add coil voltage code from table below

* 50A AC-3 rating

Size 0 & 1	Standard Coil				
	AC (50 Hz)			DC	
Code	F7	M7	R7	B4	E4
Coil Voltages	87...127 V	175...240 V	337...427 V	24 V	52..55V DC

Size 2	Standard Coil			Electronic Coil			
	AC (50 Hz)			AC (50 Hz)		DC	
Code	F0	P0	R0	F7	M7	B4	E4
Coil Voltages	110 V	230 V	415 V	81...136 V	137...273 V	24 V	52..55V DC

Accessories

Auxiliary Contact Block			Mechanical Interlock		
Type	Unit LP ₹	Type	Unit LP ₹		
1 NO	280.-	Size 0 and Size 1	880.-		
1 NC	280.-	S2	230.-		

Surge Suppressor		Coil Voltage		Varistors		RC Element	
		AC	DC	Type	Unit LP ₹	Type	Unit LP ₹
Size 0, Size 1 and Size 2	Standard Coil	24 - 48 V	24 - 70 V	3TX7402-3GY1	795.-	3TX7402-3RY2	1270.-
		48 - 127V	70 - 150V	3TX7402-3HY1	795.-	3TX7402-3SY2	
		127 - 240V	150 - 250V	3TX7402-3JY1	795.-	3TX7402-3TY2	
		240 - 400V	-	3TX7402-3KY1	1020.-	3TX7402-3UY2	
Size 2	Electronic Coil	81-273V AC				3TX7402-3PY2	
			24-55V			3TX7402-3QY2	

**Used only when the contactors are DIN rail mounted. Refer catalog for more details

Main Contact Kits (set of 8 fixed and 4 moving contacts)

Contactor Size	Rated current Ie (A) AC1 at 415V	For Contactor	Type	Unit LP ₹
Size 1	35A	3TS3300	3TS9133-0E	1475.-
Size 1	40A	3TS3400	3TS9134-0E	2085.-
Size 2	45A	3TS3500	3TS9135-0E	3170.-
Size 2	50A	3TS3600	3TS9136-0E	3735.-
Size 2	65A	3TS3700	3TS9137-0E	3740.-
Size 2	65A*	3TS3700	3TS9137-0A	5415.-

* 50A AC-3 rating

Spare Coils

Contactor Size	Type ²⁾	Unit LP ₹	Type ²⁾	Unit LP ₹
	AC		DC	
Size 0	3TS9231-0A..4-8K	1125.-	3TS9231-0B..4-8K	1540.-
Size 1	3TS9233-0A..4-8K	1210.-	3TS9233-0B..4-8K	1610.-
Size 2	3TS9235-0A..4-8K (Standard)	1340.-		
Size 2	3TS9235-0A..4-8K (Electronic)	1945.-	3TS9235-0B..4-8K (Electronic)	2305.-

2) Please add voltage code from table in page no 42



3TS Single Pole LED Contactors

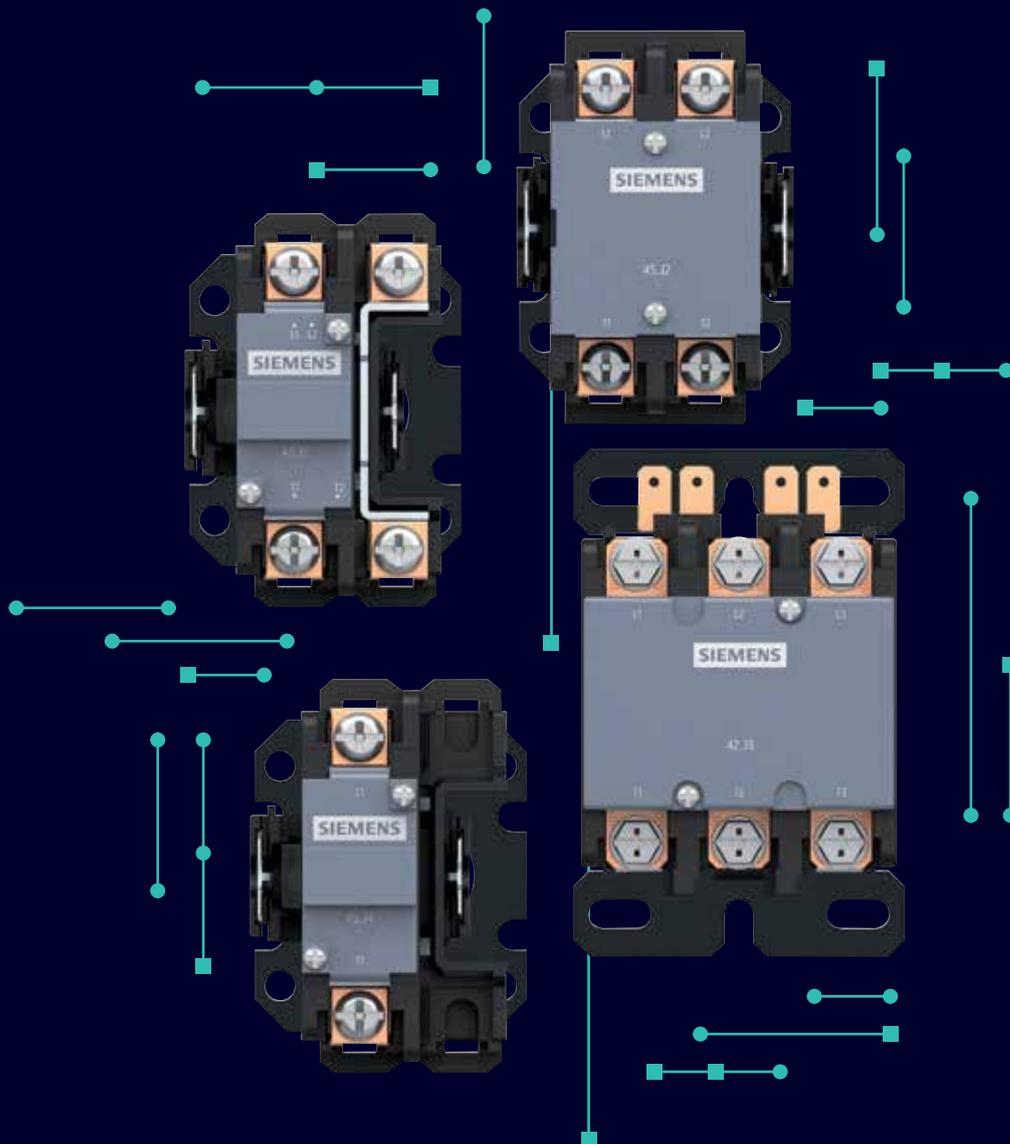
Siemens 3TS LED Contactors been designed keeping in mind the challenges in LED lamp switching applications and thus offers a highly reliable & safe solution to the customer

Available in
4000W - 3TS3210-0AM71-8K
8000W - 3TS3310-0AM71-8K

Price on request



Definite Purpose Contactors 45.J & 42.J



Definite Purpose Contactors – 42.J & 45.J

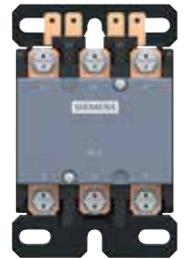
Ordering data	AC 8a rating	Pan screw	Hex screw quad quick connect	Unit MRP ₹	Std pkg (nos)
1 Pole with shunt	25A ■	45CJ10A_B	45CJ10A_C	1235.-	1
	30A ■	45DJ10A_B	45DJ10A_C	1275.-	1
	40A	45EJ10A_B	45EJ10A_C	1320.-	1
1 Pole without shunt	25A ■	45CJ40A_B	45CJ40A_C	1170.-	1
	30A ■	45DJ40A_B	45DJ40A_C	1205.-	1
	40A	45EJ40A_B	45EJ40A_C	1250.-	1



Ordering data	AC 8a rating	Box with lug dual quick connect	Hex screw dual quick connect	Unit MRP ₹	Std pkg (nos)
2 Pole	20A ■	45BJ20A_D	45BJ20A_E	1480.-	1
	30A ■	45DJ20A_D	45DJ20A_E	1495.-	1
	40A ■	45EJ20A_D	45EJ20A_E	1540.-	1



Ordering data	AC 8a rating	Box with lug dual quick connect	Hex screw dual quick connect	Unit MRP ₹	Std pkg (nos)
3 Pole	20A	42BJ35A_D	42BJ35A_E	1905.-	1
	25A	42CJ35A_D	42CJ35A_E	1935.-	1
	30A	42DJ35A_D	42DJ35A_E	1955.-	1
	40A ■	42EJ35A_D	42EJ35A_E	1995.-	1
3 Pole with inbuilt 1NO+1NC aux contacts	20A	42BJ36A_D	42BJ36A_E	2360.-	1
	25A	42CJ36A_D	42CJ36A_E	2385.-	1
	30A	42DJ36A_D	42DJ36A_E	2400.-	1
	40A ■	42EJ36A_D	42EJ36A_E	2450.-	1



Please add coil code from table below

Spare coil for contactor	Type ref	Unit MRP ₹	Std pkg (nos)
1 Pole contactor	75J19A_	360.-	1
2 Pole contactor	75J29A_	435.-	1
3 Pole contactor	75J39A_	490.-	1

Please add coil code from table below

Coil Code	J	F	G	L	H	E	P
Voltage	24V AC, 50/60 Hz	120V AC, 60 Hz	240V AC, 50/60 Hz	277V AC, 60 Hz	480V AC, 60 Hz	145-180V AC, 50 Hz (available only for 1P & 2P versions)	170-240V AC, 50 Hz available for 1P & 2P

■ Standard material

Easy connecting & wiring

Switch to Spring Loaded Technology

Spring loaded connections are...

Strong



Flexible



Fast

Safe



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Thermal Overload Relays - 3RU

NEW

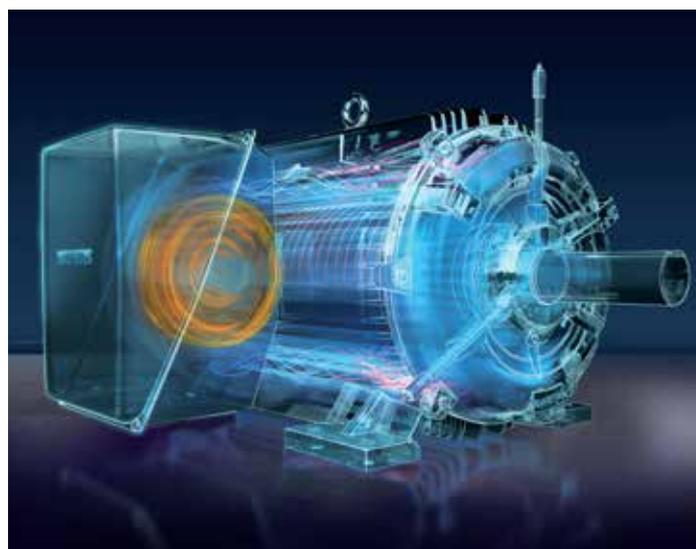


For contactor mounting - Class 10 - Screw Terminals

Size of relay / contactor	Set current value of the inverse-time delayed overload release A	Type*	Unit LP ₹	Std. pkg. (nos.)
S00	0.11 ... 0.16	3RU2116-0AB00-8K	2940.-	1
	0.14 ... 0.2	3RU2116-0BB00-8K		
	0.18 ... 0.25	3RU2116-0CB00-8K		
	0.22 ... 0.32	3RU2116-0DB00-8K		
	0.28 ... 0.4	3RU2116-0EB00-8K		
	0.35 ... 0.5	3RU2116-0FB00-8K	2975.-	
	0.45 ... 0.63	3RU2116-0GB00-8K		
	0.55 ... 0.8	3RU2116-0HB00-8K		
	0.7 ... 1	3RU2116-0JB00-8K		
	0.9 ... 1.25	3RU2116-0KB00-8K		
	1.1 ... 1.6	3RU2116-1AB00-8K	3005.-	
	1.4 ... 2	3RU2116-1BB00-8K		
	1.8 ... 2.5	3RU2116-1CB00-8K		
	2.2 ... 3.2	3RU2116-1DB00-8K		
	2.8 ... 4	3RU2116-1EB00-8K		
	3.5 ... 5	3RU2116-1FB00-8K		
	4.5 ... 6.3	3RU2116-1GB00-8K		
	5.5 ... 8	3RU2116-1HB00-8K		
	7 ... 10	3RU2116-1JB00-8K		
	9 ... 12.5	3RU2116-1KB00-8K		
11 ... 16	3RU2116-4AB00-8K	3335.-		
S0	1.8 ... 2.5	3RU2126-1CB00-8K	3080.-	1
	2.2 ... 3.2	3RU2126-1DB00-8K		
	2.8 ... 4	3RU2126-1EB00-8K		
	3.5 ... 5	3RU2126-1FB00-8K		
	4.5 ... 6.3	3RU2126-1GB00-8K		
	5.5 ... 8	3RU2126-1HB00-8K		
	7 ... 10	3RU2126-1JB00-8K	3275.-	
	9 ... 12.5	3RU2126-1KB00-8K	3360.-	
	11 ... 16	3RU2126-4AB00-8K	3395.-	
	14 ... 20	3RU2126-4BB00-8K		
	17 ... 22	3RU2126-4CB00-8K		
	20 ... 25	3RU2126-4DB00-8K		
	23 ... 28	3RU2126-4NB00-8K	5715.-	
	27 ... 32	3RU2126-4EB00-8K		
	30 ... 36	3RU2126-4PB00-8K		
	34 ... 40	3RU2126-4FB00-8K		

Size of relay / contactor	Set current value of the inverse-time delayed overload release A	Type*	Unit LP ₹	Std. pkg. (nos.)	
S2	11 ... 16	3RU2136-4AB00-8K	6215.-	1	
	14 ... 20	3RU2136-4BB00-8K			
	18 ... 25	3RU2136-4DB00-8K			
	22 ... 32	3RU2136-4EB00-8K			
	28 ... 40	3RU2136-4FB00-8K			
	36 ... 45	3RU2136-4GB00-8K			7835.-
	40 ... 50	3RU2136-4HB00-8K			8360.-
	47 ... 57	3RU2136-4QB00-8K			9405.-
	54 ... 65	3RU2136-4JB00-8K			10440.-
	62 ... 73	3RU2136-4KB00-8K			10750.-
S3	70 ... 80	3RU2136-4RB00-8K	11430.-		
	28 ... 40	3RU2146-4FB00-8K	9440.-	1	
	36 ... 50	3RU2146-4HB00-8K			
	45 ... 63	3RU2146-4JB00-8K			
	57 ... 75	3RU2146-4KB00-8K			
	70 ... 90	3RU2146-4LB00-8K			
	80 ... 100	3RU2146-4MB00-8K			14320.-

* For ordering Overload Relays with spring type terminals, please get in touch with sales office (for S00, S0 size only)



Accessory for independent mounting

For size of relay	Relay type	Type	Unit LP ₹	Std. pkg. (nos.)
S00*	3RU21, 3RB30/31, 3RR21/22/24	3RU2916-3AA01	1010.-	1
S0*	3RU21, 3RB30/31, 3RR21/22/24	3RU2926-3AA01	1040.-	1
S2	3RU21, 3RB30/31, 3RR21/22/24	3RU2936-3AA01	1700.-	1
S3	3RU21/3RB30/3RB31	3RU2946-3AA01	2005.-	1



* To order terminal supports for overload relays with spring-type terminals, please get in touch with sales office

Thermal Overload Relays - 3RU



Separate Mounting - Class 10

Size of relay / contactor	Rating for induction motor Rated value kW	Set current value of the inverse-time delayed overload release A	Type*	Unit LP ₹	Std. pkg. (nos.)	
S6	45	70 - 100	3RU2156-5BB10-8K	13260.-	1	
	55	90 - 125	3RU2156-5CB10-8K	14025.-	1	
	75	110 - 160	3RU2156-5DB10-8K	14045.-	1	
	110	140 - 200	3RU2156-5EB10-8K		1	
	45	70 - 100	3RU2156-5BW10-8K [§]		1	
	55	90 - 125	3RU2156-5CW10-8K [§]		1	
	S10	75	110 - 160	3RU2156-5DW10-8K [§]	18760.-	1
		110	140 - 200	3RU2156-5EW10-8K [§]		1
110		140 - 200	3RU2166-5EB10-8K	1		
S12	132	180 - 250	3RU2166-5FB10-8K	23875.-	1	
	160	220 - 320	3RU2166-5GB10-8K		1	
	200	280 - 400	3RU2176-5HB10-8K		1	
	250	350 - 500	3RU2176-5JB10-8K	24325.-	1	

Separate Mounting - Class 30

Size of relay / contactor	Rating for induction motor Rated value kW	Set current value of the inverse-time delayed overload release A	Type*	Unit LP ₹	Std. pkg. (nos.)
S6	37	55 - 80	3RU2356-5AB10-8K	23875.-	1
	45	70 - 100	3RU2356-5BB10-8K		1
	55	90 - 125	3RU2356-5CB10-8K		1
	37	55 - 80	3RU2356-5AW10-8K [§]		1
	45	70 - 100	3RU2356-5BW10-8K [§]		1
	55	90 - 125	3RU2356-5CW10-8K [§]		1
S10	75	110 - 160	3RU2366-5DB10-8K	23875.-	1
	110	140 - 200	3RU2366-5EB10-8K		1
S12	132	180 - 250	3RU2376-5FB10-8K	23875.-	1
	160	220 - 320	3RU2376-5GB10-8K		1

* For heavy duty applications (starting time > 10s), it is recommended to use 3RU class 30 relays to avoid nuisance tripping and reliable protection.
 § Range available with straight through transformer





Widest range electronic overload relays

Microprocessor based overload relay - 3RB

Size	Current setting range A	3RB (Class 10E)		3RB (Class 20E)		3RB (Class 5 to 30E – Settable)		Std. pkg. (nos.)
		With overload, phase failure and phase unbalance protections		With overload, phase failure and phase unbalance protections		With overload, phase failure and phase unbalance and earth fault protection		
		Type*	Unit LP ₹	Type*	Unit LP ₹	Type*	Unit LP ₹	
S00	0.1 ... 0.4	3RB3016-1RB0	6930.-	3RB3016-2RB0	8655.-	3RB3113-4RB0	14460.-	1
	0.32 ... 1.25	3RB3016-1NB0		3RB3016-2NB0		3RB3113-4NB0		1
	1 ... 4	3RB3016-1PB0		3RB3016-2PB0		3RB3113-4PB0		1
	3 ... 12	3RB3016-1SB0		3RB3016-2SB0		3RB3113-4SB0		1
	4 ... 16	3RB3016-1TB0		3RB3016-2TB0		3RB3113-4TB0		1
S0	0.1 ... 0.4	3RB3026-1RB0	8060.-	3RB3026-2RB0	10055.-	3RB3123-4RB0	15115.-	1
	0.32 ... 1.25	3RB3026-1NB0		3RB3026-2NB0		3RB3123-4NB0		1
	1 ... 4	3RB3026-1PB0		3RB3026-2PB0		3RB3123-4PB0		1
	3 ... 12	3RB3026-1SB0		3RB3026-2SB0		3RB3123-4SB0		1
	6 ... 25	3RB3026-1QB0		3RB3026-2QB0		3RB3123-4QB0		1
	10 ... 40	3RB3026-1VB0		3RB3026-2VB0		3RB3123-4VB0		1
S2	12.5 ... 50	3RB3036-1UB0 [®]	12215.-	3RB3036-2UB0 [®]	15245.-	3RB3133-4UB0 [®]	19735.-	1
	20 ... 80	3RB3036-1WB0 [®]	18420.-	3RB3036-2WB0 [®]	23040.-	3RB3133-4WB0 [®]	25730.-	1
	12.5 ... 50	3RB3036-1UW1 [#]	12215.-	3RB3036-2UW1 [#]	15245.-	3RB3133-4UW1 [#]	19735.-	1
	20 ... 80	3RB3036-1WW1 [#]	18420.-	3RB3036-2WW1 [#]	23040.-	3RB3133-4WW1 [#]	25730.-	1
S3	12.5 ... 50	3RB3046-1UB0 [®]	14490.-	3RB3046-2UB0 [®]	18125.-	3RB3143-4UB0 [®]	25745.-	1
	32 ... 115	3RB3046-1XB0 [®]	18885.-	3RB3046-2XB0 [®]	23720.-	3RB3143-4XB0 [®]	26265.-	1
	12.5 ... 50	3RB3046-1UW1 [#]	15515.-	3RB3046-2UW1 [#]	19150.-	3RB3143-4UW1 [#]	26155.-	1
	32 ... 115	3RB3046-1XW1 [#]	19000.-	3RB3046-2XW1 [#]	23720.-	3RB3143-4XW1 [#]	26265.-	1
S6	50 ... 200	3RB2056-1FC2 ^{&}	23210.-	3RB2056-2FC2 ^{&}	29015.-	3RB2153-4FC2 ^{&}	34735.-	1
S6	50 ... 200	3RB2056-1FW2 [§]		3RB2056-2FW2 [§]		3RB2153-4FW2 [§]		1
S10/12	55 ... 250	3RB2066-1GC2 ^{&}	25325.-	3RB2066-2GC2 ^{&}	35255.-	3RB2163-4GC2 ^{&}	35415.-	1
S10/12	160 ... 630	3RB2066-1MC2 ^{&}	45070.-	3RB2066-2MC2 ^{&}	56345.-	3RB2163-4MC2 ^{&}	58360.-	1

* For size S00 & S0: To order relay with spring type terminals, please replace 10th digit from 'B' to 'E'

Devices with straight-through transformer for stand-alone installation

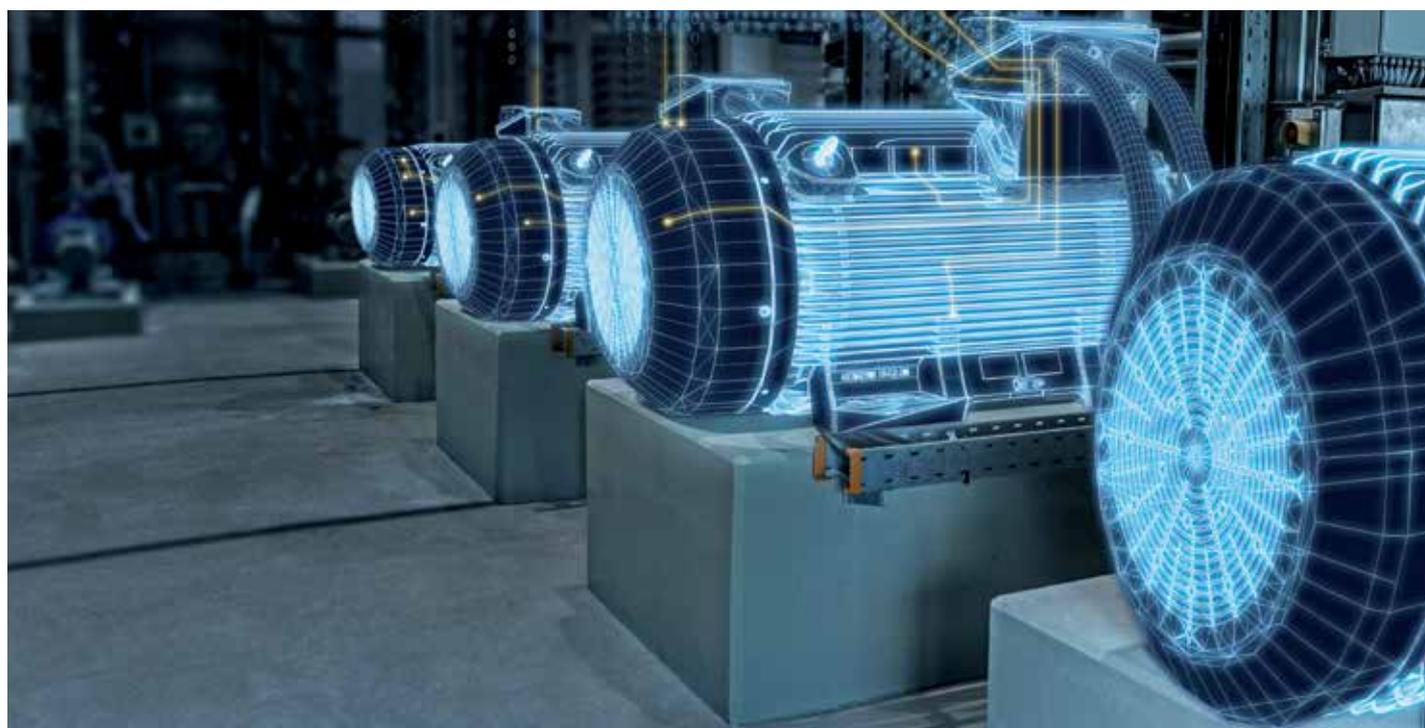
@ Devices with screw terminals for mounting onto contactor.

& Devices with busbar connection for mounting onto contactor or stand-alone installation.

§ Devices with straight-through transformer for mounting onto contactor with Box terminals or stand-alone installation.

Accessories for 3RU2 Thermal overload relays and 3RB3 solid state overload relays

Accessory Type	Version	Size	3RU2 Thermal overload relay	3RB30/31 solid state overload relay	Type	Unit LP ₹	Std. pkg. (nos.)
Mechanical Reset	Resetting plungers, holders & formers	S00, S0, S6-S12	✓	X	3RU2900-1A	1150.-	1
	Resetting plungers, holders & formers		X	✓	3RB3980-0A	585.-	1
	Pushbuttons with extended stroke (12 mm), IP65, Dia 22 mm		✓	✓	3SU1200-0FB10-0AA0	3455.-	1
	Extension plungers		✓	✓	3SU1900-0KG10-0AA0	320.-	1
Cable releases with holder for RESET	Length 400mm	S00, S0, S6-S12	✓	X	3RU2900-1B	3230.-	1
	Length 600mm		✓	X	3RU2900-1C		1
	Length 400mm		X	✓	3RB3980-0B	5630.-	1
	Length 600mm		X	✓	3RB3980-0C		
Module for remote reset, electrical	24 ... 30 V AC/DC	S00, S0, S6-S12	✓	X	3RU1900-2AB71	4060.-	1
	110 ... 127 V AC/DC		✓	X	3RU1900-2AF71		
	220 ... 250 V AC/DC		✓	X	3RU1900-2AM71		
Sealable covers for covering the setting knob	For 3RB30/3RB31	S00, S0, S6-S12	X	✓	3RB3984-0	2665.-	1
	For 3RU2 / 3RV2		✓	X	3RV2908-0P	160.-	10
Terminal Covers for busbar connections	Length 55 mm	S3			3RT1946-4EA1	1130.-	1
	Length 100 mm	S6	✓	✓	3RT1956-4EA1	2160.-	1
	Length 120 mm	S10, S12	✓	✓	3RT1966-4EA1	2845.-	1
Terminal Cover for Box Terminals	Length 20.6 mm	S2	✓	✓	3RT2936-4EA2	275.-	1
	Length 20.8 mm	S3	✓	✓	3RT2946-4EA2	775.-	1
	Length 25 mm	S6	✓	✓	3RT1956-4EA2	1265.-	1
	Length 30 mm	S10/12	✓	✓	3RT1966-4EA2	2225.-	1



Thermal overload relays - 3UA / 3UC

Bimetal relay	Current type of mounting	Current setting range A	Type	Unit LP ₹	Std. pkg. (nos.)		
3UA50	Contactor® mounting (3TF30/31)	0.1 – 0.16	3UA5000-0A	2830.-	1		
		0.16 – 0.25	3UA5000-0C				
		0.25 – 0.4	3UA5000-0E				
		0.4 – 0.63	3UA5000-0G				
		0.63 – 1	3UA5000-0J				
		0.8 – 1.25	3UA5000-0K				
		1 – 1.6	3UA5000-1A				
		1.25 – 2	3UA5000-1B				
		1.6 – 2.5	3UA5000-1C			2845.-	1
		2 – 3.2	3UA5000-1D				
		2.5 – 4	3UA5000-1E				
		3.2 – 5	3UA5000-1F				
4 – 6.3	3UA5000-1G						
5 – 8	3UA5000-1H						
6.3 – 10	3UA5000-1J	2865.-	1				
8 – 12.5	3UA5000-1K						
10 – 14.5	3UA5000-2S						
3UA52	Contactor® mounting (3TF32/33)	1 – 1.6	3UA5200-1A	2945.-	1		
		1.25 – 2	3UA5200-1B				
		1.6 – 2.5	3UA5200-1C				
		2 – 3.2	3UA5200-1D				
		2.5 – 4	3UA5200-1E				
		3.2 – 5	3UA5200-1F				
		4 – 6.3	3UA5200-1G			2950.-	1
		5 – 8	3UA5200-1H				
		6.3 – 10	3UA5200-1J				
		8 – 12.5	3UA5200-1K				
		10 – 16	3UA5200-2A			3215.-	1
		12.5 – 20	3UA5200-2B				
16 – 25	3UA5200-2C						
3UA55	Contactor® mounting (3TF34/35, 44/45)	10 – 16	3UA5500-2A	5025.-	1		
		12.5 – 20	3UA5500-2B				
		16 – 25	3UA5500-2C				
		20 – 32	3UA5500-2D				
		25 – 36	3UA5500-2Q			5230.-	1
		32 – 40	3UA5500-2R				
		36 – 45	3UA5500-8M				
3UA58-Z1	Contactor® mounting (3TF46, 3TF47, 3TF48, 3TF49)	16 – 25	3UA5800-2CZ1	9060.-	1		
		20 – 32	3UA5800-2DZ1				
		25 – 40	3UA5800-2EZ1				
		32 – 50	3UA5800-2FZ1	7735.-	1		
		40 – 57	3UA5800-2TZ1				
		50 – 63	3UA5800-2PZ1	9060.-	1		
		57 – 70	3UA5800-2VZ1				
		63 – 80	3UA5800-2UZ1				
		70 – 95	3UA5800-8YZ1				
		3UA58-Z2	Contactor® mounting (3TF47 7)	16 – 25	3UA5800-2CZ2	9060.-	1
				20 – 32	3UA5800-2DZ2		
25 – 40	3UA5800-2EZ2						
32 – 50	3UA5800-2FZ2			7780.-	1		
40 – 57	3UA5800-2TZ2						
50 – 63	3UA5800-2PZ2	9120.-	1				
57 – 70	3UA5800-2VZ2						
63 – 80	3UA5800-2UZ2						
3UA58 30	Contactor® mounting (3TF50)	70 – 95	3UA5830-5B	9985.-	1		
		85 – 105	3UA5830-5C	10180.-	1		
		95 – 120	3UA5830-5D				
3UA62	Independent mounting	85 – 135	3UA6230-5A	14510.-	1		
		115 – 180	3UA6230-5B				
		160 – 250	3UA6230-5C	20050.-	1		
3UA68	Independent mounting	200 – 320	3UA6230-5D	20645.-	1		
		250 – 400	3UA6230-5E				
		320 – 500	3UA6830-5F	26675.-	1		
400 – 630	3UA6830-5G						

@ Can be converted to independent mounting using accessory.

LP - List Price

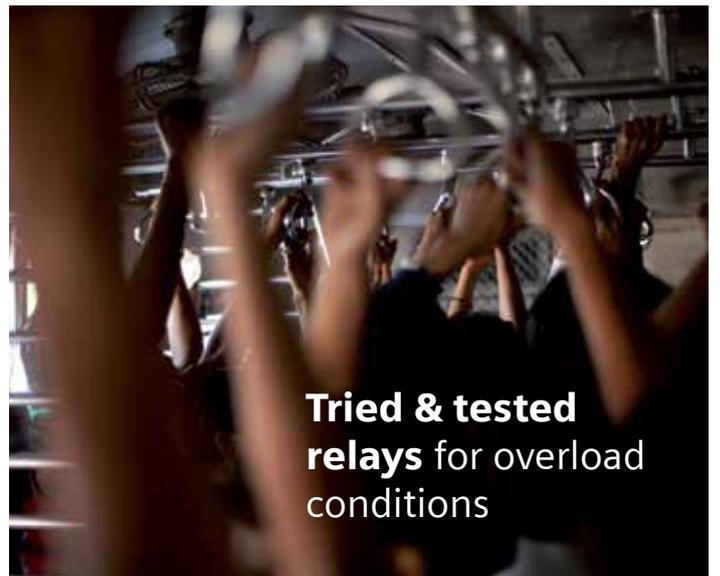
Relays for heavy starting applications, independent mounting

Current setting range A	Type	Unit LP ₹	Current setting range A	Type	Unit LP ₹	Std. pkg. (nos.)
2.5 – 4	3UC5030-5E	25225.-	40 – 63	3UC5830-5G	25225.-	1
4 – 6.3	3UC5030-5G		63 – 100	3UC6230-5J	25710.-	1
6.3 – 10	3UC5030-5J					
8 – 12.5	3UC5030-5K		100 – 160	3UC6230-5A	1	
10 – 16	3UC5830-5A		125 – 200	3UC6630-5B	1	
16 – 25	3UC5830-5C		160 – 250	3UC6630-5C	1	
25 – 40	3UC5830-5E		250 – 400	3UC6630-5E	1	

Note: Relays always supplied in manual execution, can be converted at site to auto execution.

Accessories for 3UA birelays

Description	For relay type	Type	Unit LP ₹	Std. pkg. (nos.)	
Accessory for independent mounting	3UA50	3UX1418	655.-	1	
	3UA52	3UX1420	690.-	1	
	3UA55	3UX1425	835.-	1	
	3UA58	3UX1421	875.-	1	
	3UA58 30	3UX1421-OXA	945.-	1	
	Resetting plunger funnel	3UA5/6, 3UC5/6	3UX1011 3UX1013	305.-	10 10
Reset cord + holder: 400 mm length 600 mm length	3UA5/6, 3UC5/6	3UX1015	420.-	5 5	
		3UX1016			
Protection cover	3UA5/6 except 3UA58/ 3UA5830	3UX11111YA	355.-	10	
Set of 3 terminals to convert from 3UA5800-2. or 3UA5800-2.Z2 to 3UA5800-2.Z1 3UA5800-2.Z1 or 3UA5800-2.Z2 to 3UA5800-2. 3UA5800-2. or 3UA5800-2.Z1 to 3UA5800-2.Z2			3UX5811 3UX5812 3UX5813	235.-	10 10 10



**Tried & tested
relays for overload
conditions**

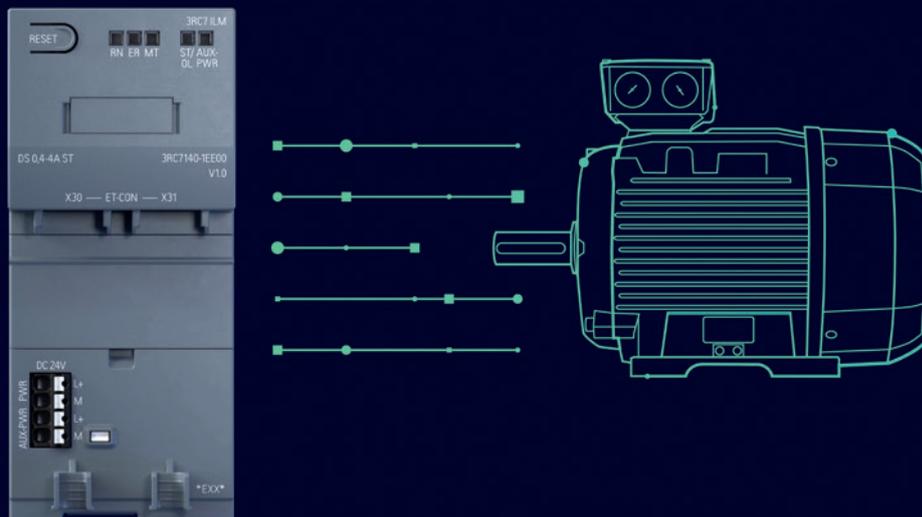
■ Stock items

MRP - Maximum Retail Price

SIRIUS 3RC7 Intelligent Link Modules

NEW

SIRIUS Modular System goes digital



Part of the automation



Transparency all the way to the field level



Proactive protection



Minimal effort



3RC7 SIRIUS Intelligent Link Module makes the SIRIUS modular system capable of communication and parameterization.

This allows to measure, monitor, react and report, becoming one with the Automation System

More information
[siemens.com/sirius-ilm](https://www.siemens.com/sirius-ilm)



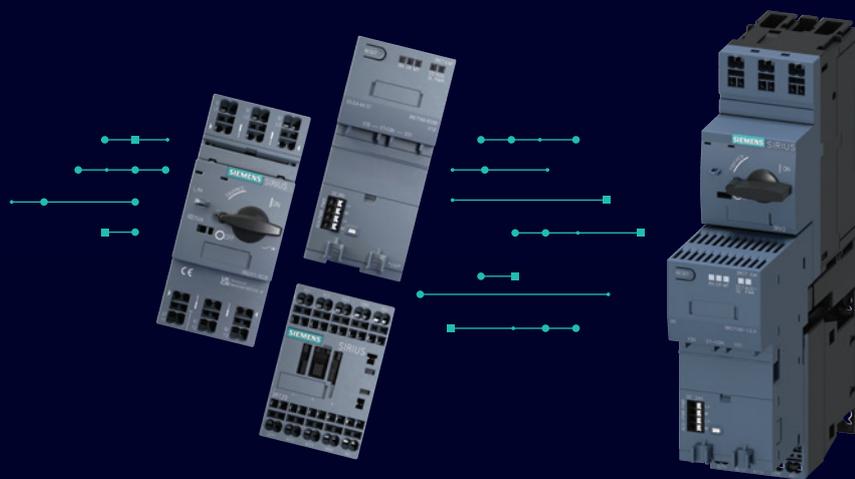
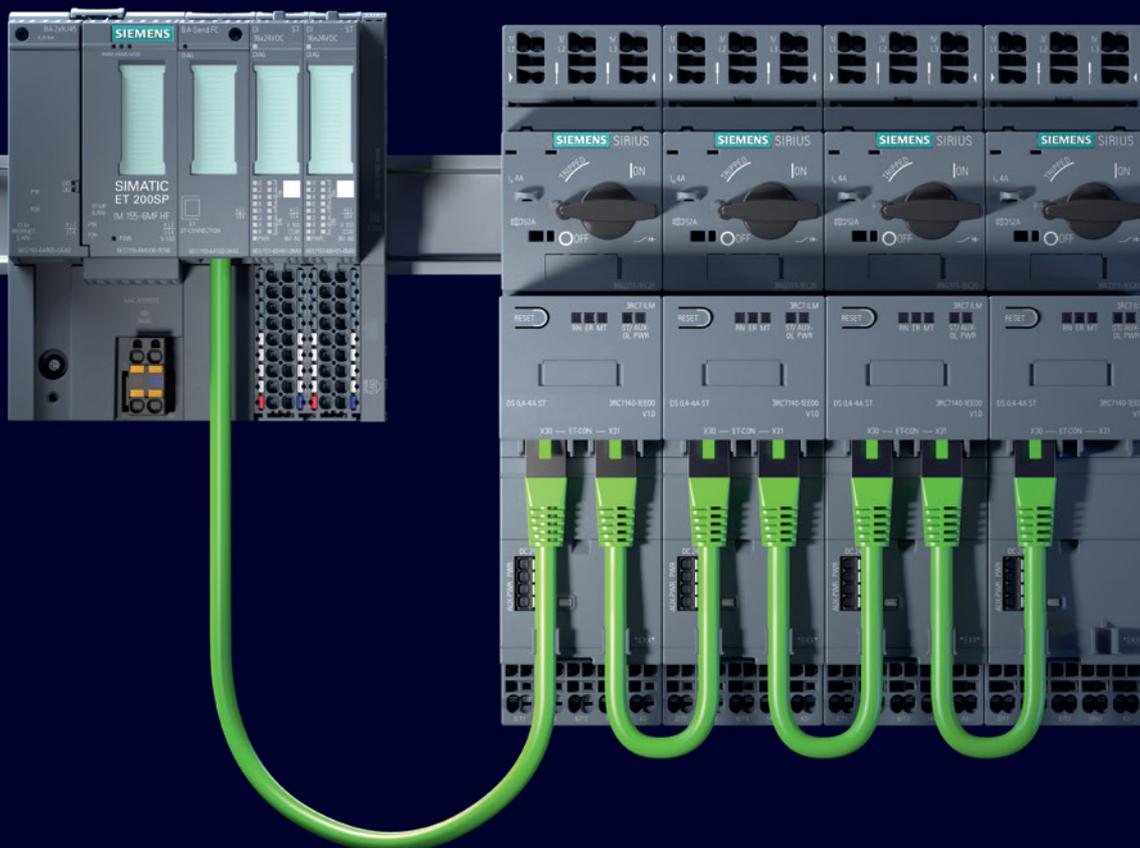
Discover more!

SIEMENS

SIRIUS 3RC7 Intelligent Link Modules

NEW

Integrate load feeders into the automation system



3RA8 is a combination of SIRIUS 3RV2 circuit breaker, SIRIUS 3RT2 contactor and the SIRIUS 3RC7 intelligent link module – fully assembled, certified combinations and ready for use.

More information
[siemens.com/sirius-ilm](https://www.siemens.com/sirius-ilm)



Discover more!

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Motor Protection Circuit Breakers - 3RV



Class 10, without auxiliary switch, standard switching capacity, screw terminals

MPCB Specifications			MPCB with Standard release ¹⁾		MPCB with "relay function" ²⁾		MPCB with "Mag only" Release ³⁾		MPCB for transformer protection	
MPCB Size	MPCB rated current A	MPCB overload range A	Type*	Unit LP ₹	Type*	Unit LP ₹	Type*	Unit LP ₹	Type*	Unit LP ₹
S00	0.16	0.11...0.16	3RV2011-0AA10	6520.-	3RV2111-0AA10	8250.-	3RV2311-0AC10	6410.-	3RV2411-0AA10	11095.-
	0.2	0.14...0.2	3RV2011-0BA10		3RV2111-0BA10		3RV2311-0BC10		3RV2411-0BA10	
	0.25	0.18...0.25	3RV2011-0CA10		3RV2111-0CA10		3RV2311-0CC10		3RV2411-0CA10	
	0.32	0.22...0.32	3RV2011-0DA10		3RV2111-0DA10		3RV2311-0DC10		3RV2411-0DA10	
	0.4	0.28...0.4	3RV2011-0EA10	3RV2111-0EA10	3RV2311-0EC10	3RV2411-0EA10				
	0.5	0.35...0.5	3RV2011-0FA10	3RV2111-0FA10	3RV2311-0FC10	3RV2411-0FA10				
	0.63	0.45...0.63	3RV2011-0GA10	7530.-	3RV2111-0GA10	3RV2311-0GC10	3RV2411-0GA10			
	0.8	0.55...0.8	3RV2011-0HA10	3RV2111-0HA10	3RV2311-0HC10	3RV2411-0HA10				
	1	0.7...1	3RV2011-0JA10	3RV2111-0JA10	3RV2311-0JC10	3RV2411-0JA10				
	1.25	0.9...1.25	3RV2011-0KA10	7750.-	3RV2111-0KA10	3RV2311-0KC10	3RV2411-0KA10			
	1.6	1.1...1.6	3RV2011-1AA10	3RV2111-1AA10	3RV2311-1AC10	3RV2411-1AA10				
	2	1.4...2	3RV2011-1BA10	3RV2111-1BA10	3RV2311-1BC10	3RV2411-1BA10				
	2.5	1.8...2.5	3RV2011-1CA10	7815.-	3RV2111-1CA10	9600.-	3RV2311-1CC10	7580.-	3RV2411-1CA10	
	3.2	2.2...3.2	3RV2011-1DA10	7890.-	3RV2111-1DA10	9870.-	3RV2311-1DC10	7650.-	3RV2411-1DA10	
	4	2.8...4	3RV2011-1EA10	3RV2111-1EA10	3RV2311-1EC10	3RV2411-1EA10				
	5	3.5...5	3RV2011-1FA10	8120.-	3RV2111-1FA10	9960.-	3RV2311-1FC10	7725.-	3RV2411-1FA10	
6.3	4.5...6.3	3RV2011-1GA10	3RV2111-1GA10	3RV2311-1GC10	7870.-	3RV2411-1GA10				
8	5.5...8	3RV2011-1HA10	8385.-	3RV2111-1HA10	10600.-	3RV2311-1HC10	8200.-	3RV2411-1HA10		
10	7...10	3RV2011-1JA10	8700.-	3RV2111-1JA10	10695.-	3RV2311-1JC10	8280.-	3RV2411-1JA10		
12.5	9...12.5	3RV2011-1KA10	9375.-	3RV2111-1KA10	11310.-	3RV2311-1KC10	8785.-	3RV2411-1KA10		
16	10...16	3RV2011-4AA10	10930.-	3RV2111-4AA10	12710.-	3RV2311-4AC10	9890.-	3RV2411-4AA10		
S0	16	10 ... 16	3RV2021-4AA10	11055.-	3RV2121-4AA10	13125.-	3RV2321-4AC10	10000.-	3RV2421-4AA10	13370.-
	20	13 ... 20	3RV2021-4BA10	11805.-	3RV2121-4BA10	14665.-	3RV2321-4BC10	11505.-	3RV2421-4BA10	14065.-
	22	16 ... 22	3RV2021-4CA10	11925.-	3RV2121-4CA10	14665.-	3RV2321-4CC10	11505.-	3RV2421-4CA10	23355.-
	25	18 ... 25	3RV2021-4DA10	11925.-	3RV2121-4DA10	32930.-	3RV2321-4DC10	19175.-	3RV2421-4DA10	26115.-
	28	23 ... 28	3RV2021-4NA10	19905.-	3RV2121-4NA10	32930.-	3RV2321-4NC10	19175.-	-	-
	32	27 ... 32	3RV2021-4EA10	22750.-	3RV2121-4EA10	-	3RV2321-4EC10	22120.-	-	-
	36	30 ... 36	3RV2021-4PA10	-	-	-	3RV2321-4PC10	-	-	-
	40	34 ... 40	3RV2021-4FA10	-	-	-	3RV2321-4FC10	-	-	-
S2	25	18 ... 25	3RV2031-4DA10	21225.-	3RV2131-4DA10	33620.-	3RV2331-4DC10	19560.-	3RV2431-4DA10	26660.-
	32	22 ... 32	3RV2031-4EA10	23370.-	3RV2131-4EA10	37030.-	3RV2331-4EC10	22365.-	3RV2431-4EA10	32110.-
	36	28 ... 36	3RV2031-4PA10	28535.-	3RV2131-4PA10	38895.-	3RV2331-4PC10	26975.-	3RV2431-4PA10	35440.-
	40	32 ... 40	3RV2031-4UA10	29075.-	3RV2131-4UA10	40885.-	3RV2331-4UC10	27190.-	3RV2431-4UA10	36110.-
	45	35 ... 45	3RV2031-4VA10	29445.-	3RV2131-4VA10	40885.-	3RV2331-4VC10	27190.-	3RV2431-4VA10	37435.-
	52	42 ... 52	3RV2031-4WA10	30010.-	3RV2131-4WA10	42935.-	3RV2331-4WC10	28555.-	3RV2431-4WA10	-
	59	49 ... 59	3RV2031-4XA10	31485.-	3RV2131-4XA10	41585.-	3RV2331-4XC10	27105.-	-	-
	65	54 ... 65	3RV2031-4JA10	29525.-	3RV2131-4JA10	41585.-	3RV2331-4JC10	27360.-	-	-
S3	73	62 ... 73	3RV2031-4KA10	29800.-	3RV2142-4KA10	43720.-	3RV2341-4KC10	28745.-	-	-
	80	70 ... 80	3RV2031-4RA10	31285.-	3RV2142-4RA10	43720.-	3RV2341-4RC10	28745.-	-	-
	50	36 ... 50	3RV2041-4HA10	31880.-	3RV2142-4HA10	43720.-	3RV2341-4HC10	29010.-	-	-
	63	45 ... 63	3RV2041-4JA10	32170.-	3RV2142-4JA10	43720.-	3RV2341-4JC10	29010.-	-	-
	75	57 ... 75	3RV2041-4KA10	-	-	-	3RV2341-4KC10	-	-	-

1) MPCB trips on SC and also on OL

2) MPCB trips on SC and opens contactor on OL

3) MPCB trips on SC

* Spring type terminals are not available for relay function MPCB 3RV21

* 3RV20 and 3RV23: For ordering spring type terminal please replace 11th digit from "1" to "2" (available upto 32A in S00 and S0 only)

Standard packing for all above products is 1 no.

Class 10, without auxiliary switch, increased switching capacity (100kA), screw terminals

MPCB Specifications			MPCB with Standard release ¹⁾		MPCB with "relay function" ²⁾		MPCB with "Mag only" Release ³⁾	
MPCB Size	MPCB rated current A	MPCB overload range A	Type	Unit LP ₹	Type	Unit LP ₹	Type	Unit LP ₹
S2	25	18 ... 25	3RV2032-4DA10	27275.-	-	-	3RV2332-4DC10	23495.-
	32	22 ... 32	3RV2032-4EA10	29530.-	-	-	3RV2332-4EC10	
	36	28 ... 36	3RV2032-4PA10	31800.-	-	-	3RV2332-4PC10	
	40	32 ... 40	3RV2032-4UA10	34220.-	-	-	3RV2332-4UC10	
	45	35 ... 45	3RV2032-4VA10	37860.-	-	-	3RV2332-4VC10	
	52	42 ... 52	3RV2032-4WA10	38210.-	-	-	3RV2332-4WC10	
	59	49 ... 59	3RV2032-4XA10	38545.-	-	-	3RV2332-4XC10	
	65	54 ... 65	3RV2032-4JA10		-	-	3RV2332-4JC10	
	73	62 ... 73	3RV2032-4KA10	43770.-	-	-	3RV2332-4KC10	
80	70 ... 80	3RV2032-4RA10	46125.-	-	-	3RV2332-4RC10		
S3	40	28 ... 40	3RV2042-4FA10	34275.-	3RV2142-4FA10	37845.-	3RV2342-4FC10	34935.-
	50	36 ... 50	3RV2042-4HA10	38385.-	3RV2142-4HA10	41585.-	3RV2342-4HC10	37075.-
	63	45 ... 63	3RV2042-4JA10	38915.-	3RV2142-4JA10		3RV2342-4JC10	
	75	57 ... 75	3RV2042-4KA10	44445.-	3RV2142-4KA10	43720.-	3RV2342-4KC10	38930.-
	84	65 ... 84	3RV2042-4RA10	46420.-	3RV2142-4RA10		3RV2342-4RC10	
	93	75 ... 93	3RV2042-4YA10		3RV2142-4YA10		3RV2342-4YC10	
	100	80 ... 100	3RV2042-4MA10	46850.-	3RV2142-4MA10	-	3RV2342-4MC10	39285.-

Class 20, without auxiliary switch, screw terminals

MPCB Specifications					MPCB with Standard release ¹⁾		Std. pkg. (nos.)
MPCB Size	MPCB rated current A	MPCB overload range A	MPCB Short circuit setting A	Breaking capacity kA	Type ¹⁾	Unit LP ₹	
S2	14	9.5 ... 14	208	65	3RV2031-4SB10	26060.-	1
	17	12 ... 17	260	65	3RV2031-4TB10		1
	20	14 ... 20	260	65	3RV2031-4BB10		1
	25	18 ... 25	325	65	3RV2031-4DB10	28800.-	1
	32	22 ... 32	416	65	3RV2031-4EB10	30840.-	1
	36	28 ... 36	520	65	3RV2031-4PB10	32425.-	1
	40	32 ... 40	585	65	3RV2031-4UB10	34170.-	1
	45	35 ... 45	650	65	3RV2031-4VB10	37360.-	1
	52	42 ... 52	741	65	3RV2031-4WB10	37940.-	1
	59	49 ... 59	845	65	3RV2031-4XB10	38360.-	1
S3	65	54 ... 65	845	65	3RV2031-4JB10	39755.-	1
	40	28 ... 40	520	100	3RV2042-4FB10		1
	50	36 ... 50	650	100	3RV2042-4HB10		1
	63	45 ... 63	819	100	3RV2042-4JB10		1
	75	57 ... 75	975	100	3RV2042-4KB10		1
	84	65 ... 84	1170	100	3RV2042-4RB10		1
	93	75 ... 93	1300	100	3RV2042-4YB10		1
100	80 ... 100	1300	100	3RV2042-4MB10	40120.-	1	

1) MPCB trips on SC and also on OL 2) MPCB trips on SC and opens contactor on OL 3) MPCB trips on SC

Standard packing for all above products is 1 no.

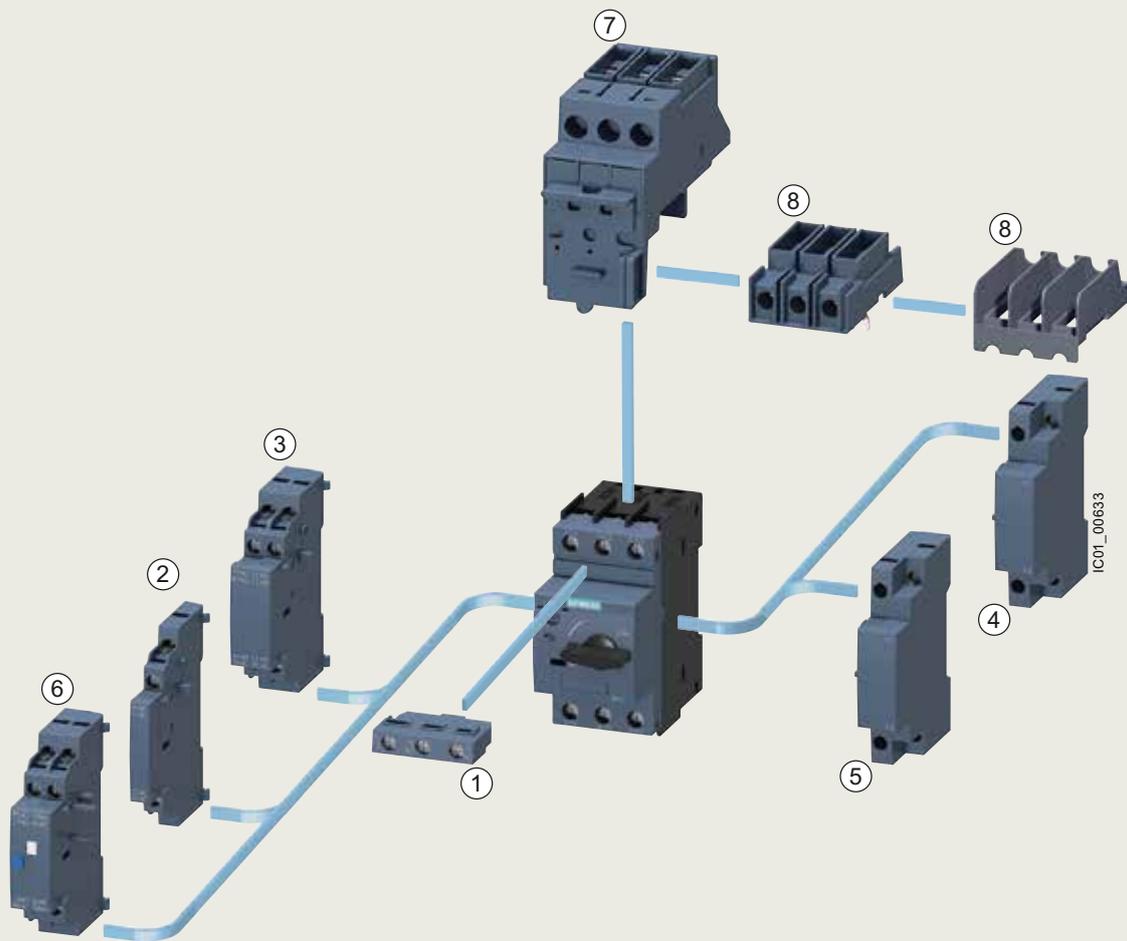
Circuit breaker size S00 for motor protection, Toggle Switch

Rating	Type *	Unit LP ₹	Rating	Type *	Unit LP ₹
0.11...0.16	3RV1011-0AA10	6150.-	1.1...1.6	3RV1011-1AA10	7595.-
0.14 ... 0.2	3RV1011-0BA10		1.4 ... 2	3RV1011-1BA10	
0.18...0.25	3RV1011-0CA10		1.8...2.5	3RV1011-1CA10	
0.22 ... 0.32	3RV1011-0DA10	6500.-	2.2 ... 3	3RV1011-1DA10	7625.-
0.28...0.4	3RV1011-0EA10		2.8...4	3RV1011-1EA10	
0.35 ... 0.5	3RV1011-0FA10	7540.-	3.5 ... 5	3RV1011-1FA10	7965.-
0.45...0.63	3RV1011-0GA10		4.5 ... 6	3RV1011-1GA10	
0.55 ... 0.8	3RV1011-0HA10		5.5 ... 8	3RV1011-1HA10	
0.7...1	3RV1011-0JA10		7 ... 10	3RV1011-1JA10	
0.9 ... 1.25	3RV1011-0KA10	7595.-	9 ... 12	3RV1011-1KA10	8745.-



Standard packing for all above products is 1 no.

* Use with accessories for 3RV2.



Accessories complimenting the application

Mountable accessories

- ① Transverse auxiliary switch
- ② Lateral auxiliary switch with 2 contacts
- ③ Lateral auxiliary switch with 4 contacts
- ④ Shunt release (can not be used with 3RV21 motor starter protectors)
- ⑤ Undervoltage release without/with leading contacts (can not be used with 3RV21 motor starter protectors)
- ⑥ Signaling switch (can not be used with 3RV27 and 3RV28 circuit breakers)
- ⑦ Isolator module (can not be used with 3RV2.4, 3RV27 and 3RV28 circuit breakers)
- ⑧ Terminal block type E or phase barriers

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Accessories for 3RV2

Mountable accessories

Type of accessory	Version	MPCB size	Type*	Unit LP ₹	Std. pkg. (nos.)
Transverse auxiliary switches With screw terminals, mountable on front	1 CO	S00 ... S3	3RV2901-1D#	1125.-	1
	1 NO + 1 NC	S00 ... S3	3RV2901-1E	1450.-	1
	2NO	S00 ... S3	3RV2901-1F	1475.-	1
Transverse auxiliary switches for operation in dusty atmospheres and in solid-state circuits with low operating currents	1 CO	S00 ... S3	3RV2901-1G#	4445.-	1
Covers for transverse auxiliary switches		S00 ... S3	3RV2901-0H#	660.-	10
Lateral auxiliary switches with screw terminals mountable on the left	1 NO + 1 NC	S00 ... S3	3RV2901-1A	1595.-	1
	2 NO		3RV2901-1B	1495.-	1
	2 NC		3RV2901-1C		1
	2 NO + 2 NC		3RV2901-1J#	2560.-	1
Signaling switches (Alarm contacts) Mountable on the left side	Separate tripped and short-circuit alarms, 1 NO + 1 NC each	S00 ... S3	3RV2921-1M	2765.-	1
Isolator modules (for isolating individual MPCB)	Lockable in disconnected position	S00, S0	3RV2928-1A#	5845.-	1
		S2 (Up to 65A only)	3RV2938-1A#	7010.-	1
Fuse Monitoring MPCB		S00	3RV16110BD10	11000.-	1

Spring type terminals are not available for this accessory

* For ordering with spring type terminals, please replace 8th digit from '1' to '2'

Type of accessory®	Version	MPCB size	Type*	Unit LP ₹	Std. pkg. (nos.)
Undervoltage trip units, Screw terminals	24 V DC	S00 ... S3	3RV2902-1AB4#	10725.-	1
	110 V AC 50Hz / 120 V AC 60Hz		3RV2902-1AF0#		1
	230 V AC 50Hz / 240 V AC 60Hz		3RV2902-1AP0		1
	400 V AC 50Hz / 440 V AC 60Hz		3RV2902-1AV0		1
Shunt trip units, Screw terminals	20...24V 50/60 Hz (100% ON period)		3RV2902-1DB0	3975.-	1
	20...70V 50/60Hz, DC (5s ON period)		3RV2902-1DF0		1
	90...110V 50/60 Hz (100% ON period)				1
	70...190V 50/60Hz, DC (5s ON period)				1
	210...240V 50/60 Hz (100% ON period)				1
	190...330V 50/60Hz, DC (5s ON period)				1
	350...415V 50/60 Hz (100% ON period)	1			
330...500V 50/60Hz, DC (5s ON period)	3RV2902-1DV0#	1			

Spring type terminals are not available for this accessory

* For ordering with spring type terminals, please replace 8th digit from '1' to '2'

@ One auxiliary release can be mounted on the right side. (does not apply to 3RV11 motor starter protectors with overload relay function)

Accessories for 3RV2 / 3RV1

Fixing accessories

Type of accessory	Version	For MPCB size	Type*	Unit LP ₹	Std. pkg. (nos.)
Push-in lugs	For screwing the motor starter protector onto mounting plates. For each motor starter protector, 2 units are required.	For 3RV1: S00,S0	3RB1900-0B	35.-	(1pack = 10 pcs)
Push-in lugs		For 3RV2: S00,S0	3RV2928-0B	30.-	(1pack = 10 pcs)

Enclosure With EMERGENCY STOP rotary operating mechanism, Lockable in 0 position

Degree of protection	Integrated terminals	Installation width (for switch + lateral auxiliary switch)	For MPCB size	Type*	Unit LP ₹	Std. pkg. (nos.)
IP55	N and PE	54 mm	S00, S0	3RV1923-1FA00	2795.-	1
		82 mm	S2	3RV1933-1GA00	9110.-	1

Accessories for 3RV2 / 3RV1

Door-coupling rotary operating mechanism

Description	Size	Type	Unit LP ₹	Std. pkg. (nos.)
Door operating mechanism with door interlock, defeat facility, padlocking facility. Extension shaft 300mm (fixed coupler) Breaker operating kit & front drive for size	S00, S0	3RV19261B-Z [@]	4490.-	1
	S2	3RV19361B-Z [@]	4955.-	1
	S3 [§]	3RV19461B-Z [@]	6520.-	1
Front drive – fixed coupler (available as spare)	S00, S0, S2, S3	8UC626 [#]	1470.-	1

[@] One set available with breaker operator kit and 8UC front drive together

[#] MRP

[§] To use door-operating mechanism, on 3RV2 - Size S3, the knob attachment on breaker must be disassembled.

Busbar accessories

Type of accessory	Version	Conductor cross-section			For MPCB size	Type	Unit LP ₹	Std. pkg. (nos.)
		Solid or stranded	Finely stranded with end sleeve	AWG cable, solid or stranded				
		mm ²	mm ²	AWG				
3-phase Infeed terminals	Connection from top	2.5...25	2.5...16	10 ... 4	3RV2 S00, S0	3RV2925-5AB	2175.-	1
		2 x (2.5 ... 50) ²⁾	2 x (2.5 ... 35) ²⁾	2 x (10.. 1/0) ²⁾	3RV2 S2	3RV2935-5A	2290.-	1
		1 x (2.5 ... 70) ²⁾	1 x (2.5 ... 50) ²⁾	1 x (10 ... 2/0) ²⁾				1
	Connection from bottom*	2.5...25	2.5...16	10 ... 4	3RV2 S00, S0	3RV2915-5B		1



* This terminal is connected in place of a switch, please take the space requirement into account.

2) If two different conductor cross-sections are connected to one clamping point, both cross-sections must be in the range specified.



Accessories for 3RV2 / 3RV1

Busbar accessories

Type of accessory ¹⁾	Modular spacing mm	Number of MPCBs that can be connected			Current rating at 690V A	For MPCB size *	Type	Unit LP ₹	Std. pkg. (nos.)
		Without lateral accessories	With lateral auxiliary switch	Incl. auxiliary release					
3-phase busbar system	45 ³⁾	2	-	-	63	S00, S0	3RV1915-1AB	1845.-	1
		3	-	-			3RV1915-1BB	1970.-	1
		4	-	-			3RV1915-1CB	2795.-	1
		5	-	-			3RV1915-1DB	3165.-	1
		-	2	-			3RV1915-2AB	1880.-	1
	55 ⁴⁾	-	3	-	S00, S0	3RV1915-2BB	1970.-	1	
		-	4	-	S00, S0	3RV1915-2CB	2685.-	1	
		-	5	-	S00, S0	3RV1915-2DB	3165.-	1	
		2	-	-	108	S2	3RV1935-1A	2700.-	1
		3	-	-			3RV1935-1B	3395.-	1
	4	-	-	3RV1935-1C			4155.-	1	
	63 ⁵⁾	-	-	2	63	S00, S0	3RV1915-3AB	2430.-	1
		-	-	4			3RV1915-3CB	3175.-	1
	75 ⁵⁾	-	2	2	108	S2	3RV1935-3A	4155.-	1
		-	3	3			3RV1935-3B	3865.-	1
-		4	4	3RV1935-3C			5465.-	1	
Covers for connection tags (Touch protection for empty positions)						S00, S0	3RV1915-6AB	280.-	10
						S2	3RV1935-6A	500.-	5



- 1) Not suitable for 3RV21 MPCBs with overload relay function
 - 3) Auxiliary releases and lateral auxiliary switches cannot be used in combination.
 - 4) For 3RV2 MPCB with auxiliary switches 2 NO and 2 NC mounted on the left (9 mm wide).
 - 5) For 3RV2 MPCB with mounted accessories (18 mm wide). Auxiliary switches with 2 NO + 2 NC or signaling switch (mounted on the left) or with auxiliary release (mounted on the right).
- * Approved for motor starter protectors size S0, up to 32 A.

Mounting accessories

Type of accessory	Version	For MPCB size	Type*	Unit LP ₹	Std. pkg. (nos.)
Scale covers, for covering the set current scale		3RV20, 3RV21, 3RV24: S00 ... S2	3RV2908-0P	160.-	10
Covers for devices with box terminals	2 units required per device (Main current level)	3RV2 S2	3RT2936-4EA2	275.-	1



SIEMENS



Continuing the Legacy...

3VS Motor Protection Circuit Breakers

www.siemens.co.in

MPCBs for motor protection



Overload release range A	Type (w/o aux. contact)	Unit LP ₹	Type (with 1NO+1NC)	Unit LP ₹	Std. pkg. (nos)
0.1 - 0.16	3VS1300-0MB00	4905.-	3VS1300-1MB00	5880.-	1
0.16 - 0.24	3VS1300-0MC00		3VS1300-1MC00		1
0.24 - 0.4	3VS1300-0MD00	5710.-	3VS1300-1MD00	5940.-	1
0.4 - 0.6	3VS1300-0ME00		3VS1300-1ME00		1
0.6 - 1	3VS1300-0MF00	5755.-	3VS1300-1MF00	6945.-	1
1 - 1.6	3VS1300-0MG00		3VS1300-1MG00		1
1.6 - 2.4	3VS1300-0MH00	6020.-	3VS1300-1MH00	7015.-	1
2 - 3.2	3VS1300-0NH00		3VS1300-1NH00		1
2.4 - 4	3VS1300-0MJ00	6020.-	3VS1300-1MJ00	7075.-	1
3.2 - 5	3VS1300-0NJ00		3VS1300-1NJ00		1
4 - 6	3VS1300-0MK00	6080.-	3VS1300-1MK00	7145.-	1
5 - 8	3VS1300-0NK00		3VS1300-1NK00		1
6 - 10	3VS1300-0ML00	6080.-	3VS1300-1ML00	7845.-	1
8 - 13	3VS1300-0NL00	6985.-	3VS1300-1NL00	8210.-	1
10 - 16	3VS1300-0MM00	7315.-	3VS1300-1MM00	8365.-	1
14 - 20	3VS1300-0MN00	7455.-	3VS1300-1MN00	8925.-	1
18 - 25	3VS1300-0MP00	8315.-	3VS1300-1MP00		1

Accessories for 3VS

Description	Version	Type	Unit LP ₹	Std. pkg. (nos.)
Add-on aux. block	1 NO + 1 NC	■ 3VU9131-3AA00	1430.-	1
Short-circuit signaling switch	1 NO + 1 NC	■ 3VU9131-7AA00	1650.-	1
Undervoltage release	230 V, 50 Hz	3VU9132-0AB15	3915.-	1
Shunt trip	230 V, 50 Hz 24 V, 50 Hz DC 110-240 V	3VU9132-0AB55	3875.-	1
		3VU9132-0AB50	3915.-	1
		3VU9132-0AB73	3915.-	1
Toggle padlocking device	Locking in Off pos	3VU9168-0KA00	1055.-	1



3TF-3VS Connector**

MPCB		Contactor		Type of Connector	Unit LP ₹	Std. pkg. (nos.)
Type	Current	Type Rating	AC3 Current Rating			
3VS13	0.16 to 20A	3TF30 / 31	9 / 12 A	3TS9001-8K	465.-	1
3VS13	6 to 25A	3TF32 / 33	16 / 22A	3TS9002-8K	555.-	1

** For more details refer page no. 38

Description	Version	Type	Unit LP ₹	Std. pkg. (nos.)
Three-phase busbar for 3VS13 only	In feed terminal (63 A)	3VU9135-1BB01	1960.-	1
	busbars for 2 MPCBs	3VU9135-1AB02	1570.-	1
	busbars for 3 MPCBs	3VU9135-1AB03	1895.-	1
	busbars for 4 MPCBs	3VU9135-1AB04	2435.-	1
	busbars for 5 MPCBs	3VU9135-1AB05	2740.-	1
Door operating mechanism with door interlock, defeat facility, pad locking facility, extension shaft 300mm	Breaker operating kit & front drive (fixed coupler) for 3VS13 for 3VS16	■ 3VU9133-Z®	2875.-	1
		■ 3VU9163-Z®	3180.-	1
Front drive for 3VS	Fixed coupler	■ 8UC616#	1265.-	1

@ 1 set available with breaker operator kit and 8UC front drive together

MRP



■ Stock items

Please order in multiples of standard packing.

LP - List Price

SIRIUS 3RW soft starters

As diverse as your tasks.

The strong, harmonized portfolio of soft starters is suited to a wide range of standard – and also Failsafe and ATEX – applications thanks to comprehensive and specific functions. Benefit from intelligent functions such as condition monitoring, automatic parameterization, pump cleaning and integrated braking functions, regardless of the industry you are in.



Strong portfolio

Comprehensive, coordinated soft starter portfolio for simple to demanding starting: Basic, General, High Performance

Efficient switching

Energy-efficient switching and mechanical protection of the drive train thanks to soft starter with hybrid switching technology

Intelligent use

Concentrated, application-specific functionality thanks to intelligent features such as automatic parameterization, pump cleaning and condition monitoring

Ready for the digital future

Support for digital engineering processes with tools and data. Data provision for local visualization or cloud-based analysis





SIRIUS 3RW

Strong, comprehensive portfolio with a wide range of possibilities thanks to a flexible design.

For more information, see www.siemens.com/softstarters

Digitalization

The 3RW soft starters help you to realize the full potential of digitalization. This is particularly beneficial when it comes to economic efficiency.

Your application in focus



Pump cleaning and pump stopping mode

The pump cleaning function prevents pumps from blocking and therefore increases your productivity and system availability. The pump stopping mode avoids mechanical stress in the piping system and extends the service life of the equipment.



Electrical ruggedness

Due to the wide control voltage range from 110 to 250 V AC, soft starters have a high degree of electrical ruggedness. This guarantees reliable operation even in the event of falling voltages.



Condition monitoring

The condition monitoring function supports optimal planning of maintenance work on bearings or seals, thereby maximizing availability.



Automatic parameterization

Automatic parameterization simplifies the commissioning and operation of critical applications considerably, even in the case of highly dynamic load characteristics.



Integrated braking functions

Intelligent functions such as soft starter braking ensure a fast and reliable stop without engineering and configuration work.

Digital soft starters - SIRIUS 3RW30/40/50



- 3RW30**
From 1.5 - 55 kW
- Compact design
 - Integrated bypass contact system
 - Soft start
 - Innovative 2-phase "Polarity Balancing" operation



- 3RW40**
From 5.5 - 55 kW
- Soft start, soft stop, adjustable current limit.
 - Integrated bypass contact system
 - Integrated microprocessor based overload relay with adjustable trip class 10/15/20.
 - Intrinsic device protection to protect against thermal overloading of thyristors.
 - Integrated state and fault monitoring
 - Innovative 2-phase "Polarity Balancing" operation



NEW

- 3RW50**
From 75 to 315 kW
- Soft starting and smooth ramp-down due to soft torque function
 - Hybrid-switching technology with 2-phase control
 - Parameterization via rotary coding switches
 - ATEX/IECEx certified – hence suitable for motors in potentially explosive atmosphere
 - Optional HMI modules and communication modules (external connection)
 - Optional TIA integration

Rated operating voltage U _e , In line circuit V AC	Motor rating at 415V, 40°C, normal starting, in line circuit kW	Rated operating current I _e (AC-53a) A (40°C/50°C/60°C)	Type	Unit LP ₹	Std. pkg. (nos)
200-480	1.5	3.6/3.3/3	3RW3013-1BB\$4	19710.-	1
200-480	3	6.5/6/5.5	3RW3014-1BB\$4	22870.-	1
200-480	4	9/8/7	3RW3016-1BB\$4	26210.-	1
200-480	5.5	12.5/12/11	3RW3017-1BB\$4	31045.-	1
200-480	7.5	17.6/17/14	3RW3018-1BB\$4	37365.-	1
200-480	11	25.3/23/21	3RW3026-1BB\$4	41270.-	1
200-480	15	32.2/29/26	3RW3027-1BB\$4	53905.-	1
200-480	18.5	38/34/31	3RW3028-1BB\$4	67305.-	1
200-480	22	45/42/39	3RW3036-1BB\$4	73240.-	1
200-480	30	65/58/53	3RW3037-1BB\$4	99630.-	1
200-480	37	72/62.1/60	3RW3038-1BB\$4	122675.-	1
200-480	45	80/73/66	3RW3046-1BB\$4	137550.-	1
200-480	55	106/98/90	3RW3047-1BB\$4	152425.-	1

\$ Order No. supplement for rated control supply voltage U_s • 24 V AC/DC **0** • 110 ... 230 V AC/DC **1**

Rated operating voltage U _e , In line circuit V AC	Motor rating at 415V, 40°C, normal starting, in line circuit kW	Rated operating current I _e (AC-53a) A (40°C/50°C/60°C)	Type	Unit LP ₹	Std. pkg. (nos)
200...480	5.5	12.5 / 11 / 10	3RW4024-1BB\$4	54225.-	1
200...480	11	25 / 23 / 21	3RW4026-1BB\$4	66995.-	1
200...480	15	32 / 29 / 26	3RW4027-1BB\$4	82985.-	1
200...480	18.5	38 / 34 / 31	3RW4028-1BB\$4	102135.-	1
200...480	22	45 / 42 / 39	3RW4036-1BB\$4	115790.-	1
200...480	30	63 / 58 / 53	3RW4037-1BB\$4	136755.-	1
200...480	37	72 / 62 / 60	3RW4038-1BB\$4	154975.-	1
200...480	45	80 / 73 / 66	3RW4046-1BB\$4	174735.-	1
200...480	55	106 / 98 / 90	3RW4047-1BB\$4	194500.-	1

\$ Control Voltage Code: • 24 V AC/DC **0** • 110 ... 230 V AC/DC **1**

For ordering 3RW40 soft starters with thermistor protection in the above range:
– Change the 9th digit in the type reference to "T" from "B". Contact Sales office for prices.

NEW

Rated operating voltage U _e , In line circuit V AC	Motor rating at 415V, 40°C, normal starting, in line circuit kW	Rated operating current I _e (AC-53a) A (40°C/50°C)	Type	Unit LP ₹	Std. pkg. (nos)
200 ... 480	75	143 / 128	3RW5055-6AB\$4	219950.-	1
200 ... 480	90	171 / 153	3RW5056-6AB\$4	271715.-	1
200 ... 480	110	210 / 186	3RW5072-6AB\$4	302620.-	1
200 ... 480	132	250 / 220	3RW5073-6AB\$4	310515.-	1
200 ... 480	160	315 / 279	3RW5074-6AB\$4	375225.-	1
200 ... 480	200	370 / 328	3RW5075-6AB\$4	414025.-	1
200 ... 480	250	470 / 416	3RW5076-6AB\$4	452840.-	1
200 ... 480	315	570 / 504	3RW5077-6AB\$4	484075.-	1

\$ Control Voltage Code: • 24 V AC/DC **0** • 110 ... 230 V AC/DC **1**

– For 3RW50 with operating voltage U_e 200...600V AC: Change the last digit of MLFB from "4" to "5".
– For 3RW50 with thermistor motor protection change the 9th digit of MLFB from "A" to "T"
– Contact Sales office for prices

SIRIUS 3RW52-Standard Applications

From 5.5 - 315kW

- Main Voltage: 200-480V & 200-600V
- Bypass System: Integrated (Hybrid technology)
- Controlled Phases: 3
- Connection Type: Standard & Inside Delta
- Control Voltage: 24V AC/DC & 110-250V AC
- Motor over load protection class: 10A, 10E, 20E
- Analog output: 0-10V & 4-20mA (Optional)
- Communication protocol (Optional) - PN-Std, PN-HF, PB, MB-TCP, MB-RTU
- Operator Panel: Standard and High features HMI (Optional)



Rated operating voltage Ue, in line circuit V AC	Motor rating at 415V, 40°C, normal starting, (in line circuit) kW	Motor rating at 415V, 40°C, normal starting, (in delta circuit) kW	Rated operating current Ie (AC-53a) A (40°C/50°C)	Type	Unit LP ₹	Std. pkg. (nos)
200...480	5.5	11	13/11.5	3RW5213-1AC\$4	91585.-	1
200...480	7.5	15	18/15.9	3RW5214-1AC\$4	101765.-	1
200...480	11	18.5	25/22.3	3RW5215-1AC\$4	117015.-	1
200...480	15	22	32/28.4	3RW5216-1AC\$4	123675.-	1
200...480	18.5	30	38/33.5	3RW5217-1AC\$4	145770.-	1
200...480	22	45	47/41.6	3RW5224-1AC\$4	154590.-	1
200...480	30	55	63/55.5	3RW5225-1AC\$4	185525.-	1
200...480	37	75	77/68	3RW5226-1AC\$4	220850.-	1
200...480	45	90	93/82.5	3RW5227-1AC\$4	278250.-	1
200...480	55	110	113/101	3RW5234-6AC\$4	322435.-	1
200...480	75	132	143/128	3RW5235-6AC\$4	353355.-	1
200...480	90	160	171/151	3RW5236-6AC\$4	364745.-	1
200...480	110	200	210/186	3RW5243-6AC\$4	377050.-	1
200...480	132	250	250/220	3RW5244-6AC\$4	409380.-	1
200...480	160	315	315/279	3RW5245-6AC\$4	441685.-	1
200...480	200	355	370/328	3RW5246-6AC\$4	521190.-	1
200...480	250	400	470/416	3RW5247-6AC\$4	592525.-	1
200...480	315	560	570/504	3RW5248-6AC\$4	750850.-	1

\$ Control voltage code: • 24V AC/DC 0 • 110---250 V AC 1

- * – For 3RW52 with operating voltage Ue 200...600V AC - change the last digit of MLFB from "4" to "5".
- For 3RW52 with thermistor motor protection, change the 9th digit of MLFB from "A" to "T"
- Contact Sales office for prices

Note: Commissioning service is available at extra cost.

In the event of deviating conditions or higher switching frequency, it may be necessary to choose a larger unit.

Siemens recommends use of selection and simulation program [Simulation Tool for Soft Starters \(STS\)](#).

Refer technical specifications for more details.

For more details, please visit: www.siemens.com/softstarter

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Start-up with a small footprint – **SIRIUS 3RM1 Motor Starter**

Multifunctional with a width of just 22.5mm

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3RM1 Compact Starters – DOL and RDOL

Rated operational voltage Ue	Description	Type	Unit LP ₹
48–500V	DOL, upto 0.12KW	3RM10011AA.4	36845.-
48–500V	DOL, 0.09 to 0.75KW	3RM10021AA.4	36845.-
48–500V	DOL, 0.55 to 3KW	3RM10071AA.4	36845.-
48–500V	RDOL, upto 0.12KW	3RM12011AA.4	40110.-
48–500V	RDOL, 0.09 to 0.75KW	3RM12021AA.4	40110.-
48–500V	RDOL, 0.55 to 3KW	3RM12071AA.4	40110.-

Control voltage code @50Hz:

• 24V AC/DC 0

• 110---230V AC,110V DC 1

Accessories

Description	Type	Unit LP ₹
3-phase busbar for 2 3RM1	3RM19101AA	Upon Request
3-phase busbar for 3 3RM1	3RM19101BA	Upon Request
3-phase busbar for 5 3RM1	3RM19101DA	Upon Request
CAP for busbar of 3RM1	3RM19106AA	Upon Request
3-PHASE FEED-IN TERMINAL 3RM1	3RM19201AA	Upon Request





RAJA+ Agriculture Starters & Controllers

Soch Nayi, Vishwaas Wahi!



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RAJA+ GSM Starters & Controllers

Smart, Efficient &
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- 

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- 

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- 

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Anti Theft Feature

Combine it with our unique Android-based Application to further enhance your smart farming experience.

- 

Complete pump operation status in one place/one touch
- 

In built scheduler for flexible On/Off timings
- 

Compliant to all date privacy and security laws



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Agriculture Starters



DOL

Starter in S. S. housing, incl. birelay with SPP

Motor rating at 415V, 3ph, 50Hz		Type ¹⁾ (DOL)	Relay range A	Unit MRP ₹	Std. pkg. (nos.)
HP	kW				
0.33	0.25	3TW72911A.64	0.63-1	3250.-	1
0.75	0.55	3TW72911A.66	1-1.6	3250.-	1
1	0.75	3TW72911A.68	1.6-2.5	3250.-	1
1.5	1.1	3TW72911A.69	2-3.2	3250.-	1
2	1.5	3TW72911A.71	3.2-5	3250.-	1
3	2.2	3TW72911A.72	4-6.3	3250.-	1
5	3.7	3TW72911A.74	6.3-10	3250.-	1
-	-	3TW72911A.75	8-12.5	3250.-	1
7.5	5.5	3TW72911A.77	10-16	3470.-	1
10	7.5	3TW72911A.78	12.5-20	3595.-	1

¹⁾ Enter code for coil voltage, 50Hz (B for 200-400V, W for 415V)

For RAJA+ DOL Starters 3TW72931A... (0.33-5HP) with 18A contactor are IEC 60947-4-1: 2012 compliant without ISI mark

Star Delta

Automatic starter in S.S. housing, incl. birelay with SPP

Motor rating at 415V, 3ph, 50Hz		Type ⁴⁾ (ASD)	Relay range A	Unit MRP ₹	Std. pkg. (nos.)
HP	kW				
10	7.5	3TE72910AW74	6.3-10	14350.-	1
12.5	9.3	3TE72910A.75	8-12.5	15055.-	1
15	11	3TE72910A.77	10-16	15450.-	1
20	15	3TE72910A.78	12.5-20	18140.-	1
25	18.5	3TE72910A.79	16-25	20815.-	1

⁴⁾ Enter code for coil voltage, 50Hz (B for 200-400V, W for 415V)

Industrial Starters

DOL

DOL Starter in S.S.housing
(without birelay - to be ordered separately)

Motor rating at 415V, 3ph, 50Hz		Type ²⁾ (DOL)	Birelay (recommended)	Unit LP ₹	Std. pkg. (nos.)
HP	kW				
15	11	3TW7493-2AR0*	3US5200-2C8K (16-25A)	9455.-	1
20	15	3TW7494-2A..	3US5600-2D8K (20-32A)	11955.-	1
25	18.5	3TW7495-2A..	3US5600-2Q8K (25-36A)	13655.-	1
30	22	3TW7496-2A..	3US5800-2F8K (32-50A)	16845.-	1
40	30	3TW7497-2A..	3US5800-2T8K (40-57A)	21475.-	1
50	37	3TW7498-2A..	3US5800-2V8K (57-70A)	27855.-	1
60	45	3TW7499-2A..	3US5800-8Y8K (70-95A)	31175.-	1
75	55	3TW7590-2A..	3US5800-5C8K (85-105A)	36165.-	1

* Only coil voltage of 415V 50Hz available

²⁾ Enter code for coil voltage, 50Hz ("R0" for 415V, "P0" for 230V)

[†] 3TE75 have in-built birelay whereas 3TE74 doesn't have in-built birelay

For selection and LPs of spares for Industrial Starter contact sales

Star Delta

Automatic Star delta starter in S.S. housing
(without birelay - to be ordered separately)

Motor rating at 415V, 3ph, 50Hz		Type ²⁾ (ASD)	Birelay (recommended)	Unit LP ₹	Std. pkg. (nos.)
HP	kW				
30	22	3TE7493-2A..	3US5600-2C8K (16-25 A)	33670.-	1
40	30	3TE7494-2A..	3US5600-2D8K (20-32 A)	36285.-	1
50	37	3TE7495-2A..	3US5600-2R8K (32-40 A)	50670.-	1
60	45	3TE7496-2A..	3US5800-2F8K (32-50 A)	71875.-	1
75	55	3TE7497-2A..	3US5800-2T8K (40-57 A)	87950.-	1

Automatic Star delta starter in S.S. housing
(With in-built birelay)

Motor rating at 415V, 3ph, 50Hz		Type ²⁾ (ASD)	Birelay (recommended)	Unit LP ₹	Std. pkg. (nos.)
HP	kW				
100	75	3TE7594-2AR0* [†]	3US58 00-8Y8K (70-95A) [†]	125165.-	1
125	90	3TE7595-2AR0* [†]	3US58 00-8Y8K (70-95A) [†]	128860.-	1
150	110	3TE7596-2AR0* [†]	3US58 00-5D8K (95-120A) [†]	130690.-	1
180	132	3TE7597-2AR0* [†]	3US62 20-5B8K (115-180A) [†]	139890.-	1

MRP - Maximum Retail Price

Spares for starters

Spares for 3TW7 Starters

Description	Type	Unit MRP ₹	Std. pkg. (nos.)
Contactora for 200-400V	3TS3010-0AZ608KA0	1670.-	1
Contactora for 200-400V	3TS3210-0AZ608KA0	2180.-	1
Contactora for 415V	3TS3010-0AR008KA0	1670.-	1
Contactora for 415V	3TS3210-0AR008KA0	2180.-	1
Relay	3UW5102-##	Price on request	1
Coil for 200-400V	3TY7403-0AZ6		10
Coil for 415V	3TY7403-0AR0		10

The spares shall be used with starters only.

Code for 3UW51/52 relay range

Relay range	0.63-1	1-1.6	1.6-2.5	2-3.2	3.2-5	4-6.3	6.3-10	8-12.5	10-16	12.5-20	16-25
Code	0J	1A	1C	1D	1F	1G	1J	1K	2A	2B	2C

Spares for 3TE7 Starters

Description	Type	Unit MRP ₹	Std. pkg. (nos.)
Contactora for 200-400V	3TS3010-0AZ608K	1580.-	1
Contactora for 415V	3TS3010-0AR008K	1580.-	1
Contactora for 200-400V	3TS3210-0AZ608K	2080.-	1
Contactora for 415V	3TS3210-0AR008K	1950.-	1
Contactora for 200-400V	3TS3300-0AZ608K	2775.-	1
Contactora for 415V	3TS3300-0AR008K	2505.-	1
Relay	3UW5102-##	Price on request	1
Relay	3UW5202##		1
Coil for 200-400V	3TY7403-0AZ6		10
Coil for 415V	3TY7403-0AR0		10

Bi Relay for 3TW74 & 3TE74 Starters

Type	Range	Unit LP ₹	Std. pkg. (nos.)
3US5200-2C8K	16-25A	2995.-	1
3US5600-2D8K	20-32A	4710.-	1
3US5600-2Q8K	25-36A	4710.-	1
3US5800-2T8K	40-57A	6335.-	1
3US5800-2V8K	57-70A	7920.-	1
3US5800-8Y8K	70-95A	7920.-	1
3US5800-5C8K	85-105A	8410.-	1
3US5600-2C8K	16-25 A	4400.-	1
3US5600-2R8K	32-40 A	4925.-	1
3US5800-2F8K	32-50 A	6025.-	1
3US5800-5D8K	95-120A	8010.-	1
3US6220-5B8K	115-180A	14285.-	1



Water level controller

Description	Type	Unit MRP ₹	Std. pkg. (nos.)
Water level controller relay	110-240V AC/DC Single tank (suction or filling) or dual tank (suction and filling) monitoring	7UG0885-1JU20	2550.-
Sensor for water level controller relay	Pack of 3 sensor	7UG0985-0YY00	765.-



Electronic timers - 3RP



Function	Time range	Input voltage		Type	Unit LP ₹	Std. pkg (nos.).
		AC (50/60Hz)	DC			
On-delay with 1C/O contacts	0.5 – 10 sec	24/100-127	24	<ul style="list-style-type: none"> 3RP1511-1AQ308K 3RP1511-1AP308K 	3105.-	1
		24/200-240	24			
	5 – 100 sec	24/100-127	24	<ul style="list-style-type: none"> 3RP1513-1AQ308K 3RP1513-1AP308K 	3120.-	1
		24/200-240	24			
0.05 sec to 100 Hrs. (15 time setting ranges)	24/100-127	24/200-240	24	<ul style="list-style-type: none"> 3RP1525-1AQ308K 3RP1525-1AP308K 	4575.-	1
			24			
Off-delay with 1C/O contacts	0.5 – 10 sec	24/100-127	24	<ul style="list-style-type: none"> 3RP1531-1AQ308K 3RP1531-1AP308K 	4120.-	1
		24/200-240	24			
	5 – 100 sec	24/100-127	24	<ul style="list-style-type: none"> 3RP1533-1AQ308K 3RP1533-1AP308K 	4185.-	1
		24/200-240	24			
Multi-function with 1C/O contacts	0.05 sec to 100 Hrs. (15 time setting ranges)	24 - 240		<ul style="list-style-type: none"> 3RP1505-1AW308K 	6375.-	1
		Label set - 8 functions (On delay, Off delay, On+Off delay, flashing, pulse make contact, pulse break contact, pulse shaping and additive ON delay)				
Star-Delta 1NO inst & 1NO delayed	1 – 20 sec	200-240 / 380-440V AC		3RP1574-1NM208K	3145.-	1
	3 – 60 sec	24/100-127	24	<ul style="list-style-type: none"> 3RP1576-1NQ308K 	3220.-	1
		24/200-240	24	<ul style="list-style-type: none"> 3RP1576-1NP308K 	3220.-	1
		200-240/380-440V AC		<ul style="list-style-type: none"> 3RP1576-1NM208K 	3315.-@	1
		230-400V AC		<ul style="list-style-type: none"> 3RP1576-1NP208K 	3315.-@	1
Push-in lug (for mounting 3RP timer with screws)				3RP19038K (1 pack = 10 pcs)	280.-	1 pack

with 2C/O contacts \$ Price per pack * 1 pack consists of 1 label set

For 7PV0 timer portfolio refer page no. 75

@ Prices mentioned are at MRP

3RR2 Current monitoring relays

The relays can be installed as a stand-alone unit using the suitable terminal bracket.



Screw Terminals

Size of relay / contactor	Set current value of the inverse-time delayed overload release A	Supply voltage	Type*	Unit LP ₹	Std. pkg. (nos.)
Basic Version					
S00	1.6...16	24V AC/DC	3RR2141-1AA30	17440.-	1
	1.6...16	24...240V AC/DC	3RR2141-1AW30	18995.-	1
S0	4 ... 40	24V AC/DC	3RR2142-1AA30	21950.-	1
	4 ... 40	24...240V AC/DC	3RR2142-1AW30	23433.-	1

Size of relay / contactor	Set current value of the inverse-time delayed overload release A	Supply voltage	Type*	Unit LP ₹	Std. pkg. (nos.)
Standard Version					
S00	1.6...16	24V AC/DC	3RR2241-1FA30	35585.-	1
	1.6...16	24...240V AC/DC	3RR2241-1FW30	38760.-	1
S0	4 ... 40	24V AC/DC	3RR2242-1FA30	41950.-	1
	4 ... 40	24...240V AC/DC	3RR2242-1FW30	44480.-	1

For ordering terminal bracket for stand alone installation please refer page no. 47

*For ordering current monitoring relay 3RR with spring type terminals, please replace 8th digit from '1' to '2'

Line monitoring relays - 3UG

NEW

Phase Sequence	Phase Failure	Phase Imbalance	Under Voltage	Over Voltage	Delay times	Display	Contacts	Line Supply Voltage	Type	Unit LP ₹	Std. pkg. (nos.)
Yes	Yes	10%	-	-	-	-	1 CO	160-690V	3UG5512-1AR20	21360.-	1
Yes	Yes	20%	160-690V	-	Off delay 0.1-20 s	-	2 CO	160-690V	3UG5514-1BR20	32255.-	1
Yes	Yes	Yes	90-690V	90-690V	Off delay 0.1-30 s	Yes	2 CO	90-690V	3UG5616-1CR20	36670.-	1

3UG Monitoring Relays for Electrical and Additional Measurements

Hysteresis	Function	Version of Auxiliary Contacts	Control supply voltage $U_s^{1)}$	Type	Unit LP ₹	Std. pkg. (nos.)
		CO	V AC			
--	Phase Sequence Monitoring 3 Phase	1	200...690	3UG5511-1AR20	21080.-	1
		2		3UG5511-1BR20	23505.-	1
--	Monitoring of phase sequence, phase failure and phase unbalance	2	200...690	3UG5512-1BR20	24705.-	1
--	Digitally adjustable monitoring relay phase failure, phase sequence, asymmetry, frequency, over- and under-voltage monitoring 3x 90-690 V AC, 15-70 Hz	2	120...690	3UG5616-1CR20	36670.-	1
p.f. 0.1 & active current I_{res} 0.1...2.0A	Digital Power factor and active current monitoring (p.f. range 0.1 to 0.99 & & active current I_{res} 0.2-10A) ON-delay 0-99s, OFF-delay 0.1-20s)	2	90...690	3UG4641-1CS20	36670.-	1
0.1...150V	Digital Voltage Monitoring Relay range 17 to 275V AC/DC spikedelay 0.1 to 20 sec	1	Self Powered	3UG4633-1AL30	28045.-	1
0.1...300V	Digital Voltage Monitoring Relay range 10...600V AC/DC, Delay 0.1...20sec	1	24...240V AC/DC	3UG4632-1AW30	29905.-	1
--	#Level Monitoring Relay sensitivity 2KΩ to 200KΩ. Tripping delay 0.1...10sec	1	24...240V AC/DC	3UG4501-1AW30	19930.-	1

1) Absolute limit values

3) LSB: Smallest adjustable value, transformer-dependent, $\leq 1\%$ of $I_{\Delta n}$.

Level monitoring relays must be ordered along with electrodes, for different level controls variety of electrodes are available, for more details refer IC10.

Thermistor motor protection relay - 3RN2

Type of Thermistor	Reset	Contacts	Control Supply voltage	Type	Unit LP ₹	Std. pkg. (nos.)
PTC type A	Auto	1CO	24V-240V AC/DC	3RN2000-1AW30	10090.-	1

Insulation monitoring relay -3UG

Measuring Range U_e kΩ	Function	Measurable Voltage	Type	Unit LP ₹	Std. pkg. (nos.)
1-110	Insulation monitors for ungrounded AC networks (control supply voltage 24-240V AC/DC)	0 ... 400V AC	3UG4581-1AW31	49905.-	1
		0 ... 250 AC	3UG4582-1AW31	45325.-	1
1-110	Insulation monitors for ungrounded DC & AC networks	0 ... 400 AC, 0 ... 600 DC ¹⁾	3UG4583-1CW31	99865.-	1
	Voltage reducer modules	Extending the mains voltage range to max. 690 V AC and 1000 V DC	3UG4983-1AA01	53480.-	1

1) With 3UG4983-1AA01 voltage reducer module suitable also for the insulation monitoring of IT networks up to 690 V AC and 1000 V DC.

Timing and Monitoring Relays



Features and Benefits

- Two sizes for the entire range 17.5mm & 35mm width
- The entire range is suitable for DIN rail mounting
- Variant with digital display
- Auto / Manual reset



for more info
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Relay	MLFB	Neutral loss protection	Phase failure protection	Imbalance protection	Phase reversal protection	Under voltage protection	Over voltage protection	Under freq protection	Over freq protection	Other parameters
Line monitoring relay	7UG0 712		✓	✓	✓					
	7UG0 814	✓	✓	✓	✓	✓	✓	✓	✓	
	7UG0 818		✓	✓	✓	✓	✓	✓	✓	
Voltage Monitoring relay	7UG0 753		✓		✓	✓	✓			
Current Monitoring relay	7UG0 82		✓	✓						Under-current and over-current protection
	7UG0 83		✓	✓						Under-current and over-current protection
Earth leakage relay	7UG0 84									Earth leakage protection
Earth fault monitoring relay	7UG0 86									Earth fault protection
Temperature controller (TC)	7UG0 48									Monitors temperature, input sensor TC/RTD
Water level controller relay	7UG08 85									Monitors and controls liquid level (conductive)
Thermistor protection relay	7UG08 81									Sensor input: Positive coefficient thermistor (PTC)

7UG0 monitoring relays

Description		Type	Unit LP ₹	Std. pkg. (nos.)
Line monitoring relay	Self powered 3Ph-3W	7UG0712-1AA20	1825.-	1
	Self powered 1Ph-2W, 3Ph-3W, 3Ph-4W	7UG0814-1CA20	4275.-	1
	Self powered 3Ph-3W, 3Ph-4W	7UG0818-1CA20	3920.-	1
Voltage Monitoring relay	Self powered 3Ph-3W	7UG0753-1AA20	3115.-	1
Current Monitoring relay	230 V AC 1Ph-2W	7UG0822-1AD20	4825.-	1
	110 V AC 1Ph-2W, 3Ph-3W, 3Ph-4W	7UG0831-1AB20	6160.-	1
	230 V AC 1Ph-2W, 3Ph-3W, 3Ph-4W	7UG0832-1AD20	5865.-	1
Earth leakage relay	110 V AC 1Ph-2W, 3Ph-3W, 3Ph-4W	7UG0841-1CB20	6500.-	1
	230 V AC 1Ph-2W, 3Ph-3W, 3Ph-4W	7UG0842-1CD20	6570.-	1
CBCT for ELR	35mm	7UG09-96	2365.-	1
	70mm	7UG09-97	2705.-	1
	120mm	7UG09-99	4605.-	1
	210mm	7UG0 994*	8855.-	1
	310mm	7UG0 995*	13200.-	1
Earth Fault monitoring relay	1 Ph-2W, 3Ph-3W, 3Ph-4W	7UG0861-1BU20	6720.-	1
CBCT for EFR: 160 frame	Core Balance CT 160 frame, 3P	7UG09910	2320.-	1
	Core Balance CT 160 frame, 4P	7UG09911	2645.-	1
CBCT for EFR: 250 frame	Core Balance CT 250 frame, 3P	7UG09912	2800.-	1
	Core Balance CT 250 frame, 4P	7UG09913	3300.-	1
CBCT for EFR: 630 frame	Core Balance CT 630 frame, 3P	7UG09914	4125.-	1
	Core Balance CT 630 frame, 4P	7UG09915	4470.-	1
Automatic Power factor correction relay (APFC relay)	8 Stage with LCD display	7UG0571-1FT20	25735.-	1
	12 Stage with LCD display	7UG0572-1GT20	27570.-	1
	12 stage with LED display	7UG0572-1GT21	15765.-	1
Temperature controlling relay	PID/ON-OFF Control suitable for PTC/RTD inputs CO + SSR output	7UG0 480-1IU20	4930.-	1
Water level controller relay	110-240V AC/DC Single tank (suction or filling) or dual tank (suction and filling) monitoring	7UG0885-1JU20	2550.-	1
Sensor for water level controller relay	Pack of 3 sensor	7UG0985-0YY00	765.-	1
Thermistor protection relay	110-240V AC/DC	7UG0881-1BU20	2970.-	1

7PV0 timers

Description		Type	Unit LP ₹	Std. pkg. (nos.)
ON delay timer	230V AC	7PV0712-1AD20	1805.-	1
Multifunction timer with digital display	20-240V AC/DC	7PV0732-1AV20	3540.-	1
Multifunction timer - analog	20-240V AC / 12--240V DC	7PV0723-1AZ20	2365.-	1

Note: * Non RoHS and CE

Plug-in-relay - 7RQ

Now in **NEW** TI - GREY  

Features and Benefits

- LED status indicator as a standard feature - allows personnel to see the relay status in dark conditions
- Mechanical indicators - allow personnel to see relay status under normal light or bright conditions
- Easy grip cover - adds to the ease of removing the relay from the socket
- Removable I.D. (identification) label- allows for easy identification
- Wide operating voltage range
- DIN rail / PCB mounting – Quick & Easy Installation



Relay	Standard Features	Control supply voltage* (V)	Type	Unit LP ₹	Std. pkg. (nos.)
1CO					
	6A 5 pin	DC	24	7RQ0100-0AC00	400.- 10
			48	7RQ0100-0AD00	530.- 10
			110	7RQ0100-0AE00	720.- 10
	• Mechanical Flag • LED indicator • Free wheeling diode	AC	24	7RQ0100-0AM10	505.- 10
			48	7RQ0100-0AN10	720.- 10
			110	7RQ0100-0AP10	750.- 10
230	7RQ0100-0AR10	770.- 10			
2CO					
	6A 8 pin	DC	24	7RQ0100-0BC00	550.- 10
			48	7RQ0100-0BD00	660.- 10
			110	7RQ0100-0BE00	710.- 10
	• Mechanical Flag • LED indicator • Free wheeling diode	AC	24	7RQ0100-0BM10	640.- 10
			48	7RQ0100-0BN10	710.- 10
			110	7RQ0100-0BP10	725.- 10
230	7RQ0100-0BR10	740.- 10			
2CO					
	10A 8 pin	DC	24	7RQ0110-0BC00	710.- 10
			48	7RQ0110-0BD00	870.- 10
			110	7RQ0110-0BE00	940.- 10
	• LED indicator	AC	24	7RQ0110-0BM00	850.- 10
			48	7RQ0110-0BN00	955.- 10
			110	7RQ0110-0BP00	940.- 10
230	7RQ0110-0BR00	975.- 10			
3CO					
	10A 11 pin	DC	24	7RQ0100-0CC00	910.- 10
			48	7RQ0100-0CD00	955.- 10
			110	7RQ0100-0CE00	1110.- 10
	• LED indicator	AC	24	7RQ0100-0CM00	965.- 10
			48	7RQ0100-0CN00	1020.- 10
			110	7RQ0100-0CP00	1090.- 10
230	7RQ0100-0CR00	1110.- 10			
4CO					
	5A 14 pin	DC	24	7RQ0100-0DC00	835.- 10
			48	7RQ0100-0DD00	875.- 10
			110	7RQ0100-0DE00	990.- 10
	• LED indicator	AC	24	7RQ0100-0DM00	870.- 10
			48	7RQ0100-0DN00	885.- 10
			110	7RQ0100-0DP00	965.- 10
230	7RQ0100-0DR00	975.- 10			

Socket	Standard Features	Type	Unit LP ₹	Std. pkg. (nos.)
1CO				
	PCB mounted	7RQ0202-1AX00	135.-	10
	Din rail mounting	7RQ0201-1AX00	240.-	10
2CO				
	PCB mounted	7RQ0202-1BX00	135.-	10
	Din rail mounting	7RQ0201-1BX00	315.-	10
2CO				
	PCB mounted	7RQ0212-1BX00	165.-	10
	Din rail mounting	7RQ0211-1BX00	405.-	10
3CO				
	Din rail mounting	7RQ0201-1CX00	550.-	10
4CO				
	PCB mounted	7RQ0202-1DX00	220.-	10
	Din rail mounting	7RQ0201-1DX00	385.-	10

* Control supply voltage available upon request: DC: 6V, 12 & AC: 6V, 12V, 115V



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Index

Contents	Page No.
1	Air Circuit Breakers 4-15
	Air circuit breakers - SENTRON 3WA 7
	Air circuit breakers - SENTRON 3WL Plus 8
	Air circuit breakers - SENTRON 3WT Plus 11
	Accessories for SENTRON 3WT Plus ACBs 12
	Air circuit breakers - SINOVA 3WJ 14
2	Moulded Case Circuit Breakers 16-39
	Moulded case circuit breakers - SENTRON 3VA 17
	Accessories for 3VA 23
	Moulded case circuit breaker - SENTRON 3VA27 24
	Moulded case circuit breakers - SENTRON 3VM 27
	Accessories for 3VM 32
	Moulded case circuit breakers - SINOVA 3VJ 35
	Accessories for 3VJ 39
3	Automatic transfer controller - SENTRON ATC 6300/6500 40-41
4	Load Break Switches 42-56
	On Load Changeover Switch - SINOVA 3KJ 43
	Switch disconnecter fuse - 3KL8 (4P/3PN/3P) 46
	Switch disconnecter fuse - 3KL8 (2P) 47
	Switch disconnecter fuse in SS enclosure - 3KL8 (3PN/4P) 47
	Switch disconnecter - 3KA8 (2P/3PN/4P) 48
	Accessories for 3KL8/ 3KA8 (2P/3P/3PN/4P) 48
	3NJ4 Vertical Fuse Switch Disconnectors NEW 50
	Fuse switch disconnecter - 3NP1 53
	Main control & emergency stop switches - 3LD2 55
	Accessories for 3LD2 56
	Rotary Switches - 3LA0 56
5	Control switches - 3LD4 58-64
	ON OFF Switches 59
	Instrumentation Selector Switch 59
	Changeover Switch 60
	Phase Changeover Switch (PCS) 60
	Breaker Control Switch 61
	Multistep Switch 61
6	Energy Management System 65-76
	Power Monitoring Devices SENTRON 7KM PAC 3120 / 3220 / 4200 66
	Energy Management Software: SENTRON powermanager 66
	SENTRON 7KN Powercenter 3000 67
	SENTRON Digitalization solutions 68
	Power Quality Measurement SENTRON 7KM PAC 5200 70
	DIN rail mounted meters SENTRON 7KM PAC 2200/ 3200T / 7KT PAC1600 71
	SENTRON 7KT PAC1200 - Multichannel current measuring system 72
	Power Monitoring Devices NEW SMART 7KT 75

Contents	Page No.
7	Power Quality Solutions - PQS 77-82
	LV Power Capacitors - SIECAP™ 4RB 78
	Harmonics filter detuned reactor 81
	Capacitor duty contactors - 3MT 82
	Automatic Power Factor Correction Relay - 7UG 82
8	Numerical Relays and Auxiliary Relays 83-85
9	SENTRON 5SV6 COM AFDD/MCBs NEW 86-87
10	SINOVA 5TJ MCB NEW 88
11	Betagard Circuit Protection Devices 89-90
	Betagard Miniature Circuit Breakers - 5SL6/5SL4 89
	Betagard Circuit Breakers - 5SL7/5SL5 90
12	Fuses 91-99
	DIN fuses - 3NA / Fuse bases (DIN) 92
	DIN isolating links - 3NG 92
	3NA6 Fuse with Insulated Gripping Lugs NEW 93
	SENTRON 3NA COM LV HRC fuse link NEW 94
	BS fuses - 3NW 96
	Fuse holders and accessories for fuses - 3NW 96
	Fuses for semiconductor protection - 3NE/ 3NC 97
	Cylindrical fuses - 3NW 99
13	5SD Surge Protection Device 100
14	SIMARIS Software Tools 9
15	SENTRON Powerconfig 13
16	SIVACON S8 57
17	SIEPAN 8PU 49
18	Type-2 Co-ordination Charts 101-104
19	Available till stocks last 105
20	Discontinued products 106
21	Customer care 107
22	Terms and conditions 108
23	SINOVA Low Voltage Electrical Products Back cover inside
24	Training centres Front cover inside
25	Offices and territory managers Backcover



3WA air circuit breakers

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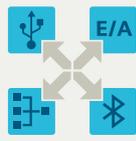
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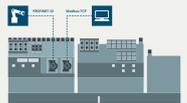
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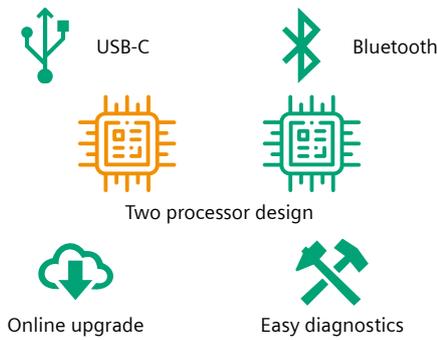
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- Advanced metering as per IEC 61557-12



Standard breaking capacity $I_{cs} = 100\% I_{cu}$

Manually operated ACB

Microprocessor based trip unit ETU600 with LSING¹⁾ protection

Frame Size	Rated Current In (A)	Type	Withdrawable ²⁾ design with Guide Frame		Fixed ³⁾ mounted design	
			Unit LP* ₹	Unit LP* ₹	Unit LP* ₹	Unit LP* ₹
			3 Pole	4 Pole	3 Pole	4 Pole
I	630	3WA1106....	POR	POR	POR	POR
	800	3WA1108....				
	1000	3WA1110....				
	1250	3WA1112....				
	1600	3WA1116....				
II	2000	3WA1220....	POR	POR	POR	POR
	2500	3WA1225....				
	3200	3WA1232....				
	4000	3WA1240....				
III	5000	3WA1350....	POR	POR	POR	POR
	6300	3WA1363....				

L: Overload protection S: Delayed Short Circuit protection I: Short circuit protection
 G: Ground fault protection N: Neutral protection

Note: Std. Pkg. = 1 unit

- 1) Current transformer for N-conductor shall be ordered separately for 3P ACB with Earth Fault and Neutral Conductor Protection.
- 2) Standard Accessories included for draw out type ACB (EDO/MDO) = Safety shutter, door sealing frame, Spring charge signaling switch (Standard along with spring charging motor), ready to close signal switch, auxiliary contacts 2NO+2NC, trip unit transparent cover & trip signal switch (Not applicable for ACBs without trip unit).
- 3) Standard accessories included for fixed type ACB (EF/MF) = Door sealing frame Spring charge signaling switch (Standard along with spring charging motor), ready to close signal switch, auxiliary contacts 2NO+2NC, trip unit transparent cover & trip signal switch (Not applicable for ACBs without trip unit)

Prices of ACBs with other breaking capacities, 1000/1150V AC applications & DC applications available on request

Add-on options (Factory fitted)

Description	Add LP* ₹
Door Interlock	POR
Position Signal Switch for Withdrawable Breaker	
Castell lock mounting kit [#]	
Mutual Mechanical Interlocking (Bowden wire)	
PROFINET / MODBUS TCP Communication module	

Castell locks are to be ordered separately.

Please contact your nearest Siemens Sales Office for complete ordering code.

Motorised Mechanism	Add LP* ₹
208-240VAC, 220Vdc motor, closing coil & Shunt trip coil	POR
110-127VAC, 110Vdc motor, closing coil & Shunt trip coil	

Motorized mechanism with other control voltages are available on request



Accessories

Description	AC 50/60Hz V	DC V	Type	Unit LP* ₹
Shunt Release or Closing Coil Suitable for continuous operation	-	24-30	3WA9111-0AD02	22375.-
	110-127	110-125	3WA9111-0AD05	22375.-
	208-240	220-250	3WA9111-0AD06	22375.-
Under Voltage Release (Instantaneous)	380-415	-	3WA9111-0AE07	24735.-
Motorised Operating Mechanism	-	24-30	3WA9111-0AF02	123705.-
	110-127	110-125	3WA9111-0AF05	123705.-
	208-240	220-250	3WA9111-0AF06	123705.-
Castell Lock	-	-	3WX3663-6JEL_ ^s	6870.-

Please order necessary auxiliary terminal blocks as per circuit diagram while ordering accessories. Please contact your nearest Siemens Sales Office for type nos. and prices.

\$ Types of castell locks shall be of type A, B, C, D, AB, AC; _ to be replaced by the type no.
 Std. Pkg. = 1 unit POR: Price On Request * LP - List Price

ACB: SENTRON 3WL *Plus*

- Conforms to IEC 60947-2
- Rated current - 630A to 6300A
- Accurate protection through microprocessor based trip unit
- Unique ready-to-close interlock for maximum safety
- Mechanical contact erosion indicator
- Fully rated upto 55°C
- Neutral 100% rated
- Integrated online test facility
- Unique CubicleBus technology
- Data communication and power management options



Standard breaking capacity $I_{cs} = 100\% I_{cu}$

Manually operated ACB

Microprocessor based trip unit ETU45B LSIN protection (Overload and short circuit protection)

Frame Size	Rated Current In (A)	Type	Withdrawable design with Guide Frame		Fixed mounted design	
			Unit LP* ₹	Unit LP* ₹	Unit LP* ₹	Unit LP* ₹
			3 Pole	4 Pole	3 Pole	4 Pole
I	630	3WL1106....	POR	POR	POR	POR
	800	3WL1108....				
	1000	3WL1110....				
	1250	3WL1112....				
	1600	3WL1116....				
II	2000	3WL1220....	POR	POR	POR	POR
	2500	3WL1225....				
	3200	3WL1232....				
	4000	3WL1240....				
III	5000	3WL1350....	POR	POR	POR	POR
	6300	3WL1363....				

Prices of ACBs with other breaking capacities available on request.

L: Overload protection S: Delayed Short Circuit protection I: Short circuit protection
G: Ground fault protection N: Neutral protection

Note: Std. Pkg. = 1 unit

Add-on options (Factory fitted)

Microprocessor based Release	Add LP* ₹
For ground fault protection	POR
Protection function LSIN with Current display	
Protection function LSING with Current display	

For prices of breakers with other types of microprocessor based trip unit, please contact your nearest Siemens Sales Office

Motorised Mechanism	Add LP* ₹
208-240VAC, 220Vdc motor, closing coil & Shunt trip coil	POR
110-127VAC, 110Vdc motor, closing coil & Shunt trip coil	

Motorized mechanism with other control voltages are available on request

Add-on options (Factory fitted)

Description	Add LP* ₹
Spring Charge Signal Switch	POR
Door Interlock	
Position Signal Switch for Withdrawable Breaker	
Castell lock mounting kit*	
Mutual Mechanical Interlocking (Bowden wire)	
Metering function Plus (voltage transformer must be ordered separately)	
Profibus communication connection (COM15 + BSS)	
Modbus communication connection (COM16 + BSS)	
Modbus TCP/PROFINET communication connection (COM35 + BSS)	

ACB for 1000/1150 V AC operation and DC application available on request

All ACBs are with Top Horizontal - Bottom Horizontal main terminals except 6300A & 4000A which have only Vertical-Vertical main termination.

Standard Accessories included for draw out type ACB (EDO/MDO) = Safety shutter, door sealing frame, ready to close signal switch, auxiliary contacts 2NO+ 2NC and trip unit transparent cover & trip signal switch (Not applicable for ACBs without trip unit).

Standard accessories included for fixed type ACB (EF/IF) = Door sealing frame, ready to close signal switch, auxiliary contacts 2NO+2NC and trip unit transparent cover & trip signal switch (Not applicable for ACBs without trip unit)

Neutral CT if required, shall be ordered separately. *Castell locks are to be ordered separately.

Please contact your nearest Siemens Sales Office for complete ordering code.

Accessories

Description	AC 50/60Hz V	DC V	Type	Unit LP* ₹
Shunt Release or Closing Coil Suitable for continuous operation	-	24-30	3WA9111-0AD02	22375.-
	110-127	110-125	3WA9111-0AD05	22375.-
	208-240	220-250	3WA9111-0AD06	22375.-
Under Voltage Release (Instantaneous)	380-415	-	3WA9111-0AE07	24735.-
Motorised Operating Mechanism	-	24-30	3WA9111-0AF02	123705.-
	110-127	110-125	3WA9111-0AF05	123705.-
	208-240	220-250	3WA9111-0AF06	123705.-
Castell Lock	-	-	3WX3663-6JEL_ ^s	6870.-

Please order necessary auxiliary terminal blocks as per circuit diagram while ordering accessories. Please contact your nearest Siemens Sales Office for type nos. and prices.

\$ Types of castell locks shall be of type A, B, C, D, AB, AC; _ to be replaced by the type no.

Std. Pkg. = 1 unit POR: Price On Request

* LP - List Price



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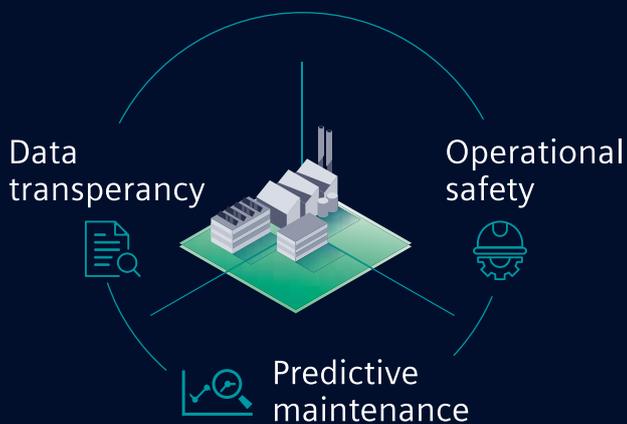
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ACB: SENTRON 3WT^{Plus}



- Conforms to IEC 60947-2
- Rated current - 630A to 4000A
- $U_{imp} = 12kV$
- **Integrated communication & metering option**
- **Easy parameterization and diagnostics with Powerconfig**
- Mechanical contact erosion indicator
- Fully rated upto 50°C
- Integrated LCD display and Online test facility
- Variants available for 690V AC applications

Standard breaking capacity, 500VAC $I_{cs} = 100\% I_{cu}$

Microprocessor based trip unit ETU37WT: LSING¹⁾ + Display

Frame Size	Rated current In (A)		Withdrawable design with Guide Frame ²⁾				
			3 Pole	Unit LP* ₹	4 Pole	Unit LP* ₹	
I	630	MDO	3WT8061-6AA04-5AB2	368860.-	3WT8065-6AA04-5AB2	479530.-	
		EDO	3WT8061-6UA34-5AB2	477115.-	3WT8065-6UA34-5AB2	587785.-	
	800	MDO	3WT8081-6AA04-5AB2	389290.-	3WT8085-6AA04-5AB2	509595.-	
		EDO	3WT8081-6UA34-5AB2	497545.-	3WT8085-6UA34-5AB2	617850.-	
	1000	MDO	3WT8101-6AA04-5AB2	399855.-	3WT8105-6AA04-5AB2	518660.-	
		EDO	3WT8101-6UA34-5AB2	508110.-	3WT8105-6UA34-5AB2	626915.-	
	1250	MDO	3WT8121-6AA04-5AB2	491140.-	3WT8125-6AA04-5AB2	583870.-	
		EDO	3WT8121-6UA34-5AB2	599395.-	3WT8125-6UA34-5AB2	692125.-	
	● 1600	MDO	3WT8161-6AA04-5AB2	527125.-	3WT8165-6AA04-5AB2	638095.-	
		EDO	3WT8161-6UA34-5AB2	635380.-	3WT8165-6UA34-5AB2	746350.-	
	II	● 2000	MDO	3WT8202-6AA04-5AB2	662290.-	3WT8206-6AA04-5AB2	815115.-
			EDO	3WT8202-6UA34-5AB2	770545.-	3WT8206-6UA34-5AB2	923370.-
● 2500		MDO	3WT8252-6AA04-5AB2	750180.-	3WT8256-6AA04-5AB2	953735.-	
		EDO	3WT8252-6UA34-5AB2	858435.-	3WT8256-6UA34-5AB2	1061990.-	
● 3200		MDO	3WT8322-6AA04-5AB2	961775.-	3WT8326-6AA04-5AB2	1180100.-	
		EDO	3WT8322-6UA34-5AB2	1070030.-	3WT8326-6UA34-5AB2	1288355.-	

Microprocessor based Trip Units

ETU35WT: LSI + Display



Reduce

1015.-



Reduce

1015.-

Microprocessor based trip unit ETU37WT: LSING¹⁾ + Display

Frame Size	Rated current In (A)		Fixed Mounted design ³⁾				
			3 Pole	Unit LP* ₹	4 Pole	Unit LP* ₹	
I	630	MF	3WT8061-6AA00-0AA2	271065.-	3WT8065-6AA00-0AA2	366730.-	
		EF	3WT8061-6UA30-0AA2	379320.-	3WT8065-6UA30-0AA2	474985.-	
	800	MF	3WT8081-6AA00-0AA2	292590.-	3WT8085-6AA00-0AA2	402585.-	
		EF	3WT8081-6UA30-0AA2	400845.-	3WT8085-6UA30-0AA2	510840.-	
	1000	MF	3WT8101-6AA00-0AA2	298275.-	3WT8105-6AA00-0AA2	426485.-	
		EF	3WT8101-6UA30-0AA2	406530.-	3WT8105-6UA30-0AA2	534740.-	
	1250	MF	3WT8121-6AA00-0AA2	405710.-	3WT8125-6AA00-0AA2	479755.-	
		EF	3WT8121-6UA30-0AA2	513965.-	3WT8125-6UA30-0AA2	588010.-	
	● 1600	MF	3WT8161-6AA00-0AA2	414245.-	3WT8165-6AA00-0AA2	513900.-	
		EF	3WT8161-6UA30-0AA2	522500.-	3WT8165-6UA30-0AA2	622155.-	
	II	● 2000	MF	3WT8202-6AA00-0AA2	465880.-	3WT8206-6AA00-0AA2	668775.-
			EF	3WT8202-6UA30-0AA2	574135.-	3WT8206-6UA30-0AA2	777030.-
● 2500		MF	3WT8252-6AA00-0AA2	525870.-	3WT8256-6AA00-0AA2	785195.-	
		EF	3WT8252-6UA30-0AA2	634125.-	3WT8256-6UA30-0AA2	893450.-	
● 3200	MF	3WT8322-6AA00-0AA2	800680.-	3WT8326-6AA00-0AA2	986080.-		
	EF	3WT8322-6UA30-0AA2	908935.-	3WT8326-6UA30-0AA2	1094335.-		

Microprocessor based Trip Units

ETU35WT: LSI + Display



Reduce

1015.-



Reduce

1015.-

For Non-Automatic ACBs please deduct ₹ 2310/- from the LPs of the ACBs marked ●. For type nos. of Non-Automatic ACBs please contact your nearest Siemens Sales Office

L: Overload protection S: Delayed Short Circuit protection

I: Short circuit protection

G: Ground fault protection¹⁾

N: Neutral protection¹⁾

Standard accessories included for electrical ACB (EDO/EF) = Motor operated mechanism, with mechanical and electrical closing, motor and closing solenoid of 220-240V AC/DC and shunt release of 220-240V AC/DC.

¹⁾ Current transformer for N-conductor shall be ordered separately for 3P ACB with Earth Fault and Neutral Conductor Protection.

²⁾ Standard Accessories included for draw out type ACB (EDO/MDO) = Safety shutter, sealing cap over Off button, door sealing frame, trip unit transparent cover, trip signaling contact, ready to close signaling contact, auxiliary contacts 2NO+ 2NC

³⁾ Standard accessories included for fixed type ACB (EF/MF) = Door sealing frame, trip unit transparent cover, trip signaling contact, ready to close signaling contact, auxiliary contacts 2NO+2NC

Note: Please contact your nearest Siemens Sales Office for information on prices of 4000A ACB.

Std. Pkg. = 1 unit

* LP - List Price

3WT^{Plus} Accessories

Description	AC 50/60Hz V	DC V	Type	Unit LP* ₹
Motorized Operating Mechanism with Electrical closing	110-127	110-125	3WT9831-1JH00	116165.-
	220-240	220-250	3WT9831-1JK00	116165.-
Shunt Release or Closing Coil Suitable for continuous operation	-	24	3WT9851-1JB00	9950.-
	110-127	110-125	3WT9851-1JH00	9950.-
Under Voltage Release Instantaneous	220-240	220-250	3WT9851-1JK00	9950.-
	110-127	110-125	3WT9853-1JH00	10335.-
	208-240	220-250	3WT9853-1JK00	10335.-
Auxiliary Terminal Block	380-415	-	3WT9853-1JM00	10335.-
	Fixed circuit breaker		3WT9825-1JC00	7270.-
	Drawout circuit breaker		3WT9827-1JA00	7270.-
Auxiliary Switch Block	2 Change over		3WT9816-1CE00	5560.-
Position Signal Switch for Withdrawable Breaker	3NO+3NC, 2NO+2NC, 1NO+1NC		3WT9884-1JC10	22485.-
5 digit operating cycle counter			3WT9864-OCA00	18775.-
Blocking Device for preventing opening of cubicle door in service position: for Withdrawable Breaker			3WT9867-1JC00	17450.-
Blocking Device for preventing opening of cubicle door in ON position: for Fixed Breaker			3WT9867-2JA00	17450.-
Castell Lock Mounting Kit (to prevent unauthorized closing of the circuit breaker)			3WT9863-6JE00	16105.-
Castell Lock			3WX3663-6JEL_#	6870.-
Door Sealing Frame (Also suitable for 3WL ACB)			3WX3686-OJA00	4380.-
External Current Sensor for N-conductor (For 3P ACB with Neutral or E/F Protection)	Size I		3WL9111-0AA21-0AA0	36660.-
	Size II		3WL9111-0AA22-0AA0	44575.-
External Current Sensor for N-conductor with copper connectors (for 3P ACB with Neutral or E/F protection)	Size I		3WL9111-0AA31-0AA0	40240.-
	Size II		3WL9111-0AA32-0AA0	46185.-

Types of castell locks shall be of type A, B, C, D, AB, AC; _ to be replaced by the type no.

For fitment of motor/ shunt/ closing coil/ UV release/ addl. auxiliary contacts please order necessary Auxiliary terminal blocks as per circuit diagram.

Add-on options (Factory fitted)

Description	Unit LP* ₹
MODBUS RTU communication module	POR
Metering function with integrated Voltage tap	
Arc chute cover	
Phase barriers	

Retrofit solution

Description	Unit LP* ₹
Ready to fit kit for upgrading from our old or other make conventional Air Circuit Breaker to modern SETRON range of ACBs. <ul style="list-style-type: none"> Minimum Shut Down Time No change in the existing panel except door cut out No change in the existing panel bus-bars Proven Siemens Design No over heating Cost Effective & Quality Solution 	Upon enquiry

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POR: Price On Request

Std. Pkg. = 1 unit

* LP - List Price

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- Reading in the device parameters



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- Function upgrade



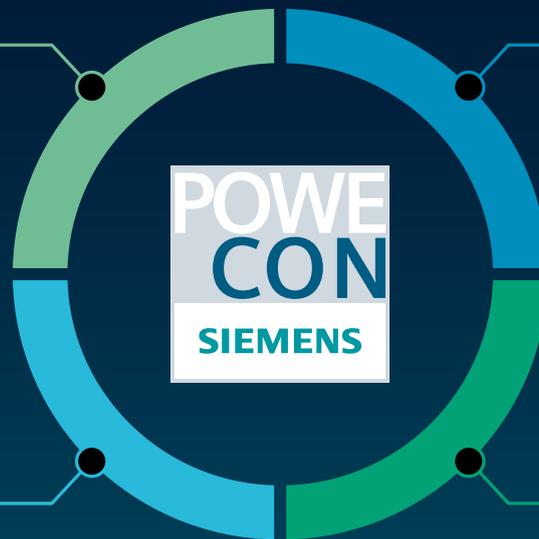
Diagnosis

- Measured value recording
- Communication test
- Device diagnosis



Documentation

- Project file
- Documentation export
- Device template



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- Mechanical contact erosion indicator
- $I_{cu} = I_{cs} = I_{cw(1s)}$ for complete range
- Integrated LCD display and online test facility
- Breaking capacity upto 55 kA
- Ready to close mechanism for safe operation



Reliable



Safe



Comprehensive



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Adaptable



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3VA moulded case circuit breakers



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MCCB: SENTRON 3VA

- Rated current: 16A to 1250A
- 1 pole[^], 2 pole[^], 3 pole & 4 pole versions
- Thermal magnetic and Microprocessor based trip unit
- Common Internal accessories for the entire range
- Information on the GO - Unique Knowledge Manager (QR Code) for 24 X 7 Technical Information
- Innovative Accessories viz. Short Circuit Alarm Switch, Illuminated Handle, Shunt Trip Flexible etc



SENTRON 3VA MCCB, Thermal Magnetic Trip Unit, Fixed Thermal Fixed Magnetic (FTFM), Ics = 100% Icu, 415VAC, 50Hz

Frame Size	Breaking Capacity @ 415VAC, 50Hz	Rated Current In (A)	3 Pole		4 Pole	
			Type	Unit LP* ₹	Type	Unit LP* ₹
3VA10	16kA	16	3VA1096-2ED32-0AA0	12425.-	3VA1096-2ED42-0AA0	16110.-
		20	3VA1020-2ED32-0AA0	12425.-	3VA1020-2ED42-0AA0	16110.-
		25	3VA1025-2ED32-0AA0	12425.-	3VA1025-2ED42-0AA0	16110.-
		32	3VA1032-2ED32-0AA0	12425.-	3VA1032-2ED42-0AA0	16110.-
		40	3VA1040-2ED32-0AA0	12425.-	3VA1040-2ED42-0AA0	16110.-
		50	3VA1050-2ED32-0AA0	12425.-	3VA1050-2ED42-0AA0	16110.-
		63	3VA1063-2ED32-0AA0	12425.-	3VA1063-2ED42-0AA0	16110.-
		80	3VA1080-2ED32-0AA0	13590.-	3VA1080-2ED42-0AA0	17655.-
3VA10	25kA	100	3VA1010-2ED32-0AA0	15735.-	3VA1010-2ED42-0AA0	20490.-
		16	3VA1096-3ED32-0AA0	12765.-	3VA1096-3ED42-0AA0	16650.-
		20	3VA1020-3ED32-0AA0	12765.-	3VA1020-3ED42-0AA0	16650.-
		25	3VA1025-3ED32-0AA0	12765.-	3VA1025-3ED42-0AA0	16650.-
		32	3VA1032-3ED32-0AA0	12765.-	3VA1032-3ED42-0AA0	16650.-
		40	3VA1040-3ED32-0AA0	12765.-	3VA1040-3ED42-0AA0	16650.-
		50	3VA1050-3ED32-0AA0	12765.-	3VA1050-3ED42-0AA0	16650.-
		63	3VA1063-3ED32-0AA0	12765.-	3VA1063-3ED42-0AA0	16650.-
3VA11	25kA	80	3VA1080-3ED32-0AA0	13880.-	3VA1080-3ED42-0AA0	18060.-
		100	3VA1010-3ED32-0AA0	16365.-	3VA1010-3ED42-0AA0	20910.-
3VA11	25kA	125	3VA1112-3ED32-0AA0	27590.-	3VA1112-3ED42-0AA0	35155.-
		160	3VA1116-3ED32-0AA0	31505.-	3VA1116-3ED42-0AA0	40995.-
3VA10	36kA	16	3VA1096-4ED32-0AA0	13470.-	3VA1196-4GD42-0AA0	18640.-
		20	3VA1020-4ED32-0AA0	13470.-	3VA1120-4GD42-0AA0	18640.-
		25	3VA1025-4ED32-0AA0	13470.-	3VA1125-4GD42-0AA0	18640.-
		32	3VA1032-4ED32-0AA0	13470.-	3VA1132-4GD42-0AA0	18640.-
		40	3VA1040-4ED32-0AA0	13470.-	3VA1140-4GD42-0AA0	18640.-
		50	3VA1050-4ED32-0AA0	13470.-	3VA1150-4GD42-0AA0	18640.-
		63	3VA1063-4ED32-0AA0	13470.-	3VA1163-4GD42-0AA0	18640.-
		80	3VA1080-4ED32-0AA0	14135.-	3VA1180-4GD42-0AA0	20440.-
3VA11	36kA	100	3VA1010-4ED32-0AA0	17015.-	3VA1110-4GD42-0AA0	23610.-
		125	3VA1112-4ED32-0AA0	29395.-	3VA1112-4GD42-0AA0	38215.-
3VA11	36kA	160	3VA1116-4ED32-0AA0	34275.-	3VA1116-4GD42-0AA0	44565.-
		16	3VA1196-5ED32-0AA0	15785.-	3VA1196-5GD42-0AA0	20490.-
3VA11	55kA	20	3VA1120-5ED32-0AA0	15785.-	3VA1120-5GD42-0AA0	20490.-
		25	3VA1125-5ED32-0AA0	15785.-	3VA1125-5GD42-0AA0	20490.-
		32	3VA1132-5ED32-0AA0	15785.-	3VA1132-5GD42-0AA0	20490.-
		40	3VA1140-5ED32-0AA0	15785.-	3VA1140-5GD42-0AA0	20490.-
		50	3VA1150-5ED32-0AA0	15785.-	3VA1150-5GD42-0AA0	20490.-
		63	3VA1163-5ED32-0AA0	16085.-	3VA1163-5GD42-0AA0	20490.-
		80	3VA1180-5ED32-0AA0	17320.-	3VA1180-5GD42-0AA0	22500.-
		100	3VA1110-5ED32-0AA0	20050.-	3VA1110-5GD42-0AA0	26005.-
		125	3VA1112-5ED32-0AA0	32310.-	3VA1112-5GD42-0AA0	41985.-
		160	3VA1116-5ED32-0AA0	37670.-	3VA1116-5GD42-0AA0	49025.-

[^] 3VA1 TMTU up to 160A, please contact your nearest Siemens Sales Office for more details.

Std. Pkg. = 1 unit * LP - List Price

SENTRON 3VA MCCB, Thermal Magnetic Trip Unit, Adj. Thermal Fixed Magnetic (ATFM), Ics = 100% Icu, 415VAC, 50Hz

Frame Size	Breaking Capacity @ 415VAC, 50Hz	Rated Current In (A)	3 Pole		4 Pole	
			Type	Unit LP* ₹	Type	Unit LP* ₹
3VA11	25kA	16	3VA1196-3EE32-0AA0	16200.-	3VA1196-3GE42-0AA0	23205.-
		20	3VA1120-3EE32-0AA0	16200.-	3VA1120-3GE42-0AA0	23205.-
		25	3VA1125-3EE32-0AA0	16200.-	3VA1125-3GE42-0AA0	23205.-
		32	3VA1132-3EE32-0AA0	16200.-	3VA1132-3GE42-0AA0	23205.-
		40	3VA1140-3EE32-0AA0	16200.-	3VA1140-3GE42-0AA0	23205.-
		50	3VA1150-3EE32-0AA0	16200.-	3VA1150-3GE42-0AA0	23205.-
		63	3VA1163-3EE32-0AA0	16200.-	3VA1163-3GE42-0AA0	23205.-
		80	3VA1180-3EE32-0AA0	16200.-	3VA1180-3GE42-0AA0	23205.-
		100	3VA1110-3EE32-0AA0	17320.-	3VA1110-3GE42-0AA0	23205.-
		125	3VA1112-3EE32-0AA0	29395.-	3VA1112-3GE42-0AA0	36200.-
3VA11	36kA	160	3VA1116-3EE32-0AA0	32430.-	3VA1116-3GE42-0AA0	42045.-
		16	3VA1196-4EE32-0AA0	20005.-	3VA1196-4GE42-0AA0	26180.-
		20	3VA1120-4EE32-0AA0	20005.-	3VA1120-4GE42-0AA0	26180.-
		25	3VA1125-4EE32-0AA0	20005.-	3VA1125-4GE42-0AA0	26180.-
		32	3VA1132-4EE32-0AA0	20005.-	3VA1132-4GE42-0AA0	26180.-
		40	3VA1140-4EE32-0AA0	20005.-	3VA1140-4GE42-0AA0	26180.-
		50	3VA1150-4EE32-0AA0	20005.-	3VA1150-4GE42-0AA0	26180.-
		63	3VA1163-4EE32-0AA0	20005.-	3VA1163-4GE42-0AA0	26180.-
		80	3VA1180-4EE32-0AA0	20005.-	3VA1180-4GE42-0AA0	26180.-
		100	3VA1110-4EE32-0AA0	20005.-	3VA1110-4GE42-0AA0	26180.-
3VA12		125	3VA1112-4EE32-0AA0	30780.-	3VA1112-4GE42-0AA0	39210.-
		160	3VA1116-4EE32-0AA0	35230.-	3VA1116-4GE42-0AA0	45720.-
3VA13		200	3VA1220-4EE32-0AA0	44440.-	3VA1220-4GE42-0AA0	54750.-
		250	3VA1225-4EE32-0AA0	47110.-	3VA1225-4GE42-0AA0	59145.-
3VA14		320	3VA1332-4EE32-0AA0	63175.-	3VA1332-4GE42-0AA0	81785.-
		400	3VA1340-4EE32-0AA0	63175.-	3VA1340-4GE42-0AA0	81785.-
3VA14		500	3VA1450-4EE32-0AA0	81535.-	3VA1450-4GE42-0AA0	105620.-
		630	3VA1463-4EE32-0AA0	81535.-	3VA1463-4GE42-0AA0	105620.-
3VA11	55kA	16	3VA1196-5EE32-0AA0	22790.-	3VA1196-5GE42-0AA0	28805.-
		20	3VA1120-5EE32-0AA0	22790.-	3VA1120-5GE42-0AA0	28805.-
		25	3VA1125-5EE32-0AA0	22790.-	3VA1125-5GE42-0AA0	28805.-
		32	3VA1132-5EE32-0AA0	22790.-	3VA1132-5GE42-0AA0	28805.-
		40	3VA1140-5EE32-0AA0	22790.-	3VA1140-5GE42-0AA0	28805.-
		50	3VA1150-5EE32-0AA0	22790.-	3VA1150-5GE42-0AA0	28805.-
		63	3VA1163-5EE32-0AA0	22790.-	3VA1163-5GE42-0AA0	28805.-
		80	3VA1180-5EE32-0AA0	22790.-	3VA1180-5GE42-0AA0	28805.-
		100	3VA1110-5EE32-0AA0	22790.-	3VA1110-5GE42-0AA0	28805.-
		125	3VA1112-5EE32-0AA0	35795.-	3VA1112-5GE42-0AA0	42990.-
3VA12		160	3VA1116-5EE32-0AA0	38725.-	3VA1116-5GE42-0AA0	49980.-
		200	3VA1220-5EE32-0AA0	46275.-	3VA1220-5GE42-0AA0	56515.-
3VA13		250	3VA1225-5EE32-0AA0	49060.-	3VA1225-5GE42-0AA0	62160.-
		320	3VA1332-5EE32-0AA0	72035.-	3VA1332-5GE42-0AA0	90235.-
3VA14		400	3VA1340-5EE32-0AA0	72035.-	3VA1340-5GE42-0AA0	90235.-
		500	3VA1450-5EE32-0AA0	93165.-	3VA1450-5GE42-0AA0	116385.-
3VA14		630	3VA1463-5EE32-0AA0	93165.-	3VA1463-5GE42-0AA0	116385.-
		800#	3VA1580-5EF32-0AA0	139190.-	3VA1580-5GF42-0AA0	180380.-
3VA15		1000#	3VA1510-5EF32-0AA0	194450.-	3VA1510-5GF42-0AA0	252325.-
		16	3VA1196-6EE32-0AA0	31185.-	3VA1196-6GE42-0AA0	39195.-
3VA11	70kA	20	3VA1120-6EE32-0AA0	31185.-	3VA1120-6GE42-0AA0	39195.-
		25	3VA1125-6EE32-0AA0	31185.-	3VA1125-6GE42-0AA0	39195.-
		32	3VA1132-6EE32-0AA0	31185.-	3VA1132-6GE42-0AA0	39195.-
		40	3VA1140-6EE32-0AA0	31185.-	3VA1140-6GE42-0AA0	39195.-
		50	3VA1150-6EE32-0AA0	31185.-	3VA1150-6GE42-0AA0	39195.-
		63	3VA1163-6EE32-0AA0	31185.-	3VA1163-6GE42-0AA0	39195.-
		80	3VA1180-6EE32-0AA0	31185.-	3VA1180-6GE42-0AA0	39195.-
		100	3VA1110-6EE32-0AA0	31185.-	3VA1110-6GE42-0AA0	39195.-
		125	3VA1112-6EE32-0AA0	57985.-	3VA1112-6GE42-0AA0	62175.-
		160	3VA1116-6EE32-0AA0	57985.-	3VA1116-6GE42-0AA0	62175.-
3VA12		200	3VA1220-6EE32-0AA0	62405.-	3VA1220-6GE42-0AA0	80305.-
		250	3VA1225-6EE32-0AA0	69940.-	3VA1225-6GE42-0AA0	80305.-
3VA13		320	3VA1332-6EE32-0AA0	78955.-	3VA1332-6GE42-0AA0	102070.-
		400	3VA1340-6EE32-0AA0	78955.-	3VA1340-6GE42-0AA0	102070.-
3VA14		500	3VA1450-6EE32-0AA0	112235.-	3VA1450-6GE42-0AA0	145515.-
		630	3VA1463-6EE32-0AA0	112235.-	3VA1463-6GE42-0AA0	145515.-
3VA15		800#	3VA1580-6EF32-0AA0	153275.-	3VA1580-6GF42-0AA0	198630.-
		1000#	3VA1510-6EF32-0AA0	213740.-	3VA1510-6GF42-0AA0	277855.-

Std. Pkg. = 1 unit # - Adjustable Thermal, Adjustable Magnetic * LP - List Price

SENTRON 3VA MCCB, Thermal Magnetic Trip Unit, Adj. Thermal Adj. Magnetic (ATAM), Ics = 100% Icu, 415VAC, 50Hz

Frame Size	Breaking Capacity @ 415VAC, 50Hz	Rated Current In (A)	3 Pole		4 Pole	
			Type	Unit LP* ₹	Type	Unit LP* ₹
3VA12	36kA	250	3VA1225-4EF32-0AA0	POR	3VA1225-4GF42-0AA0	POR
3VA13		320	3VA1332-4EF32-0AA0		3VA1332-4GF42-0AA0	
		400	3VA1340-4EF32-0AA0		3VA1340-4GF42-0AA0	
3VA14		500	3VA1450-4EF32-0AA0		3VA1450-4GF42-0AA0	
		630	3VA1463-4EF32-0AA0		3VA1463-4GF42-0AA0	
3VA12	55kA	250	3VA1225-5EF32-0AA0		3VA1225-5GF42-0AA0	
3VA13		320	3VA1332-5EF32-0AA0		3VA1332-5GF42-0AA0	
		400	3VA1340-5EF32-0AA0		3VA1340-5GF42-0AA0	
3VA14		500	3VA1450-5EF32-0AA0		3VA1450-5GF42-0AA0	
		630	3VA1463-5EF32-0AA0		3VA1463-5GF42-0AA0	
3VA12	70kA	250	3VA1225-6EF32-0AA0		3VA1225-6GF42-0AA0	
3VA13		320	3VA1332-6EF32-0AA0		3VA1332-6GF42-0AA0	
		400	3VA1340-6EF32-0AA0		3VA1340-6GF42-0AA0	
3VA14		500	3VA1450-6EF32-0AA0		3VA1450-6GF42-0AA0	
		630	3VA1463-6EF32-0AA0		3VA1463-6GF42-0AA0	

For lower ratings, please contact your nearest Siemens Sales Office

SENTRON 3VA MCCB for Motor Starter Protection (Adjustable Magnetic trip unit, 3pole)

Frame Size	Rated Current In (A)	Breaking Capacity (55kA, 415V, 50Hz)		Breaking Capacity (70kA, 415V, 50Hz)	
		Type	Unit LP* ₹	Type	Unit LP* ₹
3VA11	1	3VA1181-5MG32-0AA0*	20960.-	3VA1181-6MG32-0AA0*	25740.-
	2	3VA1102-5MG32-0AA0*	20960.-	3VA1102-6MG32-0AA0*	25740.-
	4	3VA1104-5MG32-0AA0*	20960.-	3VA1104-6MG32-0AA0*	25740.-
	8	3VA1108-5MG32-0AA0*	20960.-	3VA1108-6MG32-0AA0*	25740.-
	12.5	3VA1192-5MG32-0AA0*	20960.-	3VA1192-6MG32-0AA0*	25740.-
	20	3VA1120-5MH32-0AA0	20960.-	3VA1120-6MH32-0AA0	25740.-
	32	3VA1132-5MH32-0AA0	25035.-	3VA1132-6MH32-0AA0	26980.-
	40	3VA1140-5MH32-0AA0	25035.-	3VA1140-6MH32-0AA0	26980.-
	50	3VA1150-5MH32-0AA0	25035.-	3VA1150-6MH32-0AA0	26980.-
	63	3VA1163-5MH32-0AA0	25035.-	3VA1163-6MH32-0AA0	26980.-
	80	3VA1180-5MH32-0AA0	25035.-	3VA1180-6MH32-0AA0	26980.-
	100	3VA1110-5MH32-0AA0	25035.-	3VA1110-6MH32-0AA0	26980.-
	125	3VA1112-5MH32-0AA0	35915.-	3VA1112-6MH32-0AA0	38820.-
3VA12	160	3VA1216-5MH32-0AA0	37685.-	3VA1216-6MH32-0AA0	53700.-
	200	3VA1220-5MH32-0AA0	51830.-	3VA1220-6MH32-0AA0	63605.-
3VA13	250	3VA1325-5MH32-0AA0	56555.-	3VA1325-6MH32-0AA0	64370.-
	320	3VA1332-5MH32-0AA0	77605.-	3VA1332-6MH32-0AA0	88435.-
3VA14	400	3VA1440-5MH32-0AA0	88835.-	3VA1440-6MH32-0AA0	92820.-
	500	3VA1450-5MH32-0AA0	102265.-	3VA1450-6MH32-0AA0	116110.-
3VA15	630	3VA1563-5MH32-0AA0	117895.-	3VA1563-6MH32-0AA0	128435.-
	800	3VA1580-5MH32-0AA0	156600.-	3VA1580-6MH32-0AA0	172440.-

POR: Price On Request

Std. Pkg. = 1 unit

& Fixed magnetic trip unit

* LP - List Price

SETRON 3VA MCCB, Switch Disconnector (without protection)

Frame Size	Breaking Capacity	Rated Current In (A)	3 Pole		4 Pole	
			Type	Unit LP* ₹	Type	Unit LP* ₹
3VA11	NA	63	3VA1163-1AA32-0AA0	17590.-	3VA1163-1AA42-0AA0	25995.-
		100	3VA1110-1AA32-0AA0	17590.-	3VA1110-1AA42-0AA0	25995.-
		125	3VA1112-1AA32-0AA0	35985.-	3VA1112-1AA42-0AA0	47975.-
		160	3VA1116-1AA32-0AA0	35985.-	3VA1116-1AA42-0AA0	47975.-
3VA12	NA	250	3VA1225-1AA32-0AA0	35985.-	3VA1225-1AA42-0AA0	47975.-
3VA13	NA	400	3VA1340-1AA32-0AA0	46410.-	3VA1340-1AA42-0AA0	60350.-

NA - Not Applicable

Earth fault and Earth leakage protection for SETRON 3VA moulded case circuit breaker

Earth fault monitoring relay

Description	Type	Unit LP* ₹	
Earth fault monitoring relay	7UG0861-1BU20	6720.-	
CBCT for EFR: 160 frame Suitable for 3VA1 up to 160A	3P	7UG09910	2320.-
	4P	7UG09911	2645.-
CBCT for EFR: 250 frame Suitable for 3VA1 250A, 3VA2 up to 160A/250A	3P	7UG09912	2800.-
	4P	7UG09913	3300.-
CBCT for EFR: 630 frame Suitable for 3VA1/3VA2 400A/ 630A	3P	7UG09914	4125.-
	4P	7UG09915	4470.-



Earth leakage monitoring relay

Description	Type	Unit LP* ₹	
Earth leakage relay 1Ph-2W, 3Ph-3W, 3Ph-4W	110VAC	7UG0841-1CB20	6500.-
	230VAC	7UG0842-1CD20	6570.-
CBCT for ELR	35 mm dia	7UG0996	2365.-
	70 mm dia	7UG0997	2705.-
	120 mm dia	7UG0999	4605.-
	210 mm dia	7UG0994	8855.-
	310 mm dia	7UG0995	13200.-



Note: Order 1 no of shunt trip release for MCCB separately along with earth fault relay / earth leakage relay



MCCB with O/L & S/C protection

+



Shunt release

+



Ext. Earth fault / Ext. Earth Leakage Relay & CBCT

=



MCCB with O/L, S/C & E/F protection with O/L, S/C & Earth Leakage protection

Condition monitoring with the 3VA moulded case circuit breaker. As simple as that.

Inbuilt
in ETU5

www.siemens.co.in

Thanks to optimally scheduled maintenance times, you can prevent equipment and plant failures due to uncoordinated maintenance of individual devices and optimize the health of your entire plant.



Predictive maintenance



Improved organization of personnel
and material costs



Optimized energy availability



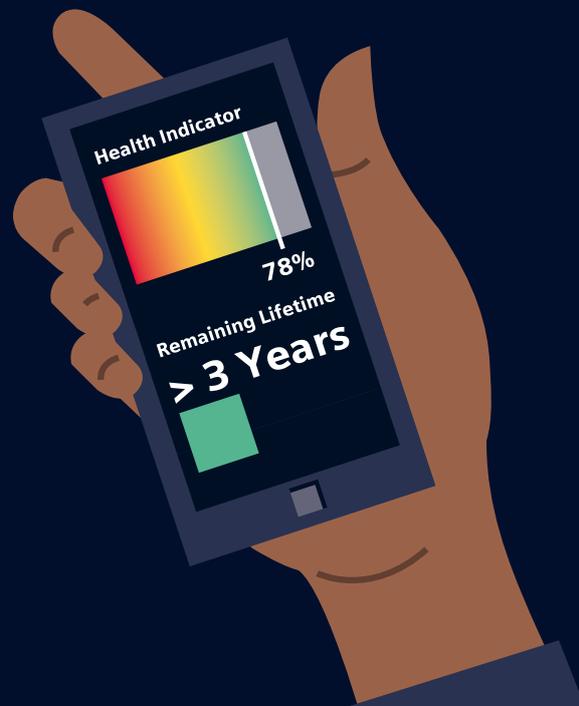
Reduced time and costs for
maintenance



When time savings go hand in hand with optimized plant reliability



With condition monitoring directly on the 3VA and remotely on the end device, you get reliable information about the health of your system and the remaining service life of your circuit breaker.



SENTRON 3VA - Flying on the wings of technology

SENTRON 3VA MCCB, Microprocessor Trip Unit, ETU320 LI, Ics = 100% Icu, 415VAC, 50Hz

Frame Size	Breaking Capacity @ 415VAC, 50Hz	Rated Current In (A)	3 Pole		4 Pole	
			Type	Unit LP* ₹	Type	Unit LP* ₹
3VA20	36kA	25	3VA2025-4HL32-0AA0	38145.-	3VA2025-4HL42-0AA0	49180.-
		40	3VA2040-4HL32-0AA0	38145.-	3VA2040-4HL42-0AA0	49180.-
		63	3VA2063-4HL32-0AA0	38145.-	3VA2063-4HL42-0AA0	49180.-
		100	3VA2010-4HL32-0AA0	38145.-	3VA2010-4HL42-0AA0	49180.-
		160	3VA2116-4HL32-0AA0	51575.-	3VA2116-4HL42-0AA0	71985.-
		250	3VA2225-4HL32-0AA0	70780.-	3VA2225-4HL42-0AA0	95975.-
3VA21	55kA	400	3VA2340-4HL32-0AA0	94570.-	3VA2340-4HL42-0AA0	124470.-
3VA22		630	3VA2463-4HL32-0AA0	98315.-	3VA2463-4HL42-0AA0	130280.-
3VA23		25	3VA2025-5HL32-0AA0	48515.-	3VA2025-5HL42-0AA0	66455.-
3VA24		40	3VA2040-5HL32-0AA0	48515.-	3VA2040-5HL42-0AA0	66455.-
3VA20		63	3VA2063-5HL32-0AA0	48515.-	3VA2063-5HL42-0AA0	66455.-
		100	3VA2010-5HL32-0AA0	48515.-	3VA2010-5HL42-0AA0	66455.-
	160	3VA2116-5HL32-0AA0	61490.-	3VA2116-5HL42-0AA0	79625.-	
	250	3VA2225-5HL32-0AA0	80340.-	3VA2225-5HL42-0AA0	106075.-	
	3VA21	400	3VA2340-5HL32-0AA0	101965.-	3VA2340-5HL42-0AA0	133630.-
	3VA22	630	3VA2463-5HL32-0AA0	125255.-	3VA2463-5HL42-0AA0	139880.-
3VA23	800	3VA2580-5HL32-0AA0	183145.-	3VA2580-5HL42-0AA0	234280.-	
3VA24	1000	3VA2510-5HL32-0AA0	242675.-	3VA2510-5HL42-0AA0	323980.-	
3VA25	1250	3VA2612-5HL32-0AA0	344065.-	3VA2612-5HL42-0AA0	459440.-	
3VA20	85kA	25	3VA2025-6HL32-0AA0	63420.-	3VA2025-6HL42-0AA0	78570.-
		40	3VA2040-6HL32-0AA0	63420.-	3VA2040-6HL42-0AA0	78570.-
		63	3VA2063-6HL32-0AA0	63420.-	3VA2063-6HL42-0AA0	78570.-
		100	3VA2010-6HL32-0AA0	63420.-	3VA2010-6HL42-0AA0	78570.-
		160	3VA2116-6HL32-0AA0	83160.-	3VA2116-6HL42-0AA0	106160.-
		250	3VA2225-6HL32-0AA0	92360.-	3VA2225-6HL42-0AA0	134500.-
3VA21	55kA	400	3VA2340-6HL32-0AA0	115895.-	3VA2340-6HL42-0AA0	152180.-
3VA22		630	3VA2463-6HL32-0AA0	138455.-	3VA2463-6HL42-0AA0	184740.-
3VA23		800	3VA2580-6HL32-0AA0	201360.-	3VA2580-6HL42-0AA0	267840.-
3VA24		1000	3VA2510-6HL32-0AA0	277525.-	3VA2510-6HL42-0AA0	370450.-
3VA25		1250	3VA2612-6HL32-0AA0	393215.-	3VA2612-6HL42-0AA0	526340.-
3VA26						

SENTRON 3VA MCCB, Microprocessor Trip Unit, ETU330 LIG, Ics = 100% Icu, 415VAC, 50Hz

Frame Size	Breaking Capacity @ 415VAC, 50Hz	Rated Current In (A)	3 Pole		4 Pole	
			Type	Unit LP* ₹	Type	Unit LP* ₹
3VA20	36kA	25	3VA2025-4HM32-0AA0	52540.-	3VA2025-4HM42-0AA0	64775.-
		40	3VA2040-4HM32-0AA0	52540.-	3VA2040-4HM42-0AA0	64775.-
		63	3VA2063-4HM32-0AA0	52540.-	3VA2063-4HM42-0AA0	64775.-
		100	3VA2010-4HM32-0AA0	52540.-	3VA2010-4HM42-0AA0	64775.-
		160	3VA2116-4HM32-0AA0	66455.-	3VA2116-4HM42-0AA0	82765.-
		250	3VA2225-4HM32-0AA0	83990.-	3VA2225-4HM42-0AA0	105570.-
3VA21	55kA	400	3VA2340-4HM32-0AA0	112960.-	3VA2340-4HM42-0AA0	142475.-
3VA22		630	3VA2463-4HM32-0AA0	124250.-	3VA2463-4HM42-0AA0	156695.-
3VA23		25	3VA2025-5HM32-0AA0	59890.-	3VA2025-5HM42-0AA0	68630.-
3VA24		40	3VA2040-5HM32-0AA0	59890.-	3VA2040-5HM42-0AA0	68630.-
3VA20		63	3VA2063-5HM32-0AA0	59890.-	3VA2063-5HM42-0AA0	68630.-
		100	3VA2010-5HM32-0AA0	61125.-	3VA2010-5HM42-0AA0	71730.-
	160	3VA2116-5HM32-0AA0	82350.-	3VA2116-5HM42-0AA0	98820.-	
	250	3VA2225-5HM32-0AA0	100425.-	3VA2225-5HM42-0AA0	125345.-	
	3VA21	400	3VA2340-5HM32-0AA0	121270.-	3VA2340-5HM42-0AA0	152970.-
	3VA22	630	3VA2463-5HM32-0AA0	133425.-	3VA2463-5HM42-0AA0	168235.-
3VA23	800	3VA2580-5HM32-0AA0	193615.-	3VA2580-5HM42-0AA0	251710.-	
3VA24	1000	3VA2510-5HM32-0AA0	260100.-	3VA2510-5HM42-0AA0	341415.-	
3VA25	1250	3VA2612-5HM32-0AA0	363855.-	3VA2612-5HM42-0AA0	480600.-	
3VA20	85kA	25	3VA2025-6HM32-0AA0	74780.-	3VA2025-6HM42-0AA0	90945.-
		40	3VA2040-6HM32-0AA0	74780.-	3VA2040-6HM42-0AA0	90945.-
		63	3VA2063-6HM32-0AA0	74780.-	3VA2063-6HM42-0AA0	90945.-
		100	3VA2010-6HM32-0AA0	74780.-	3VA2010-6HM42-0AA0	90945.-
		160	3VA2116-6HM32-0AA0	95275.-	3VA2116-6HM42-0AA0	119590.-
		250	3VA2225-6HM32-0AA0	111585.-	3VA2225-6HM42-0AA0	156555.-
3VA21	55kA	400	3VA2340-6HM32-0AA0	135205.-	3VA2340-6HM42-0AA0	171490.-
3VA22		630	3VA2463-6HM32-0AA0	148715.-	3VA2463-6HM42-0AA0	188660.-
3VA23		800	3VA2580-6HM32-0AA0	218150.-	3VA2580-6HM42-0AA0	285270.-
3VA24		1000	3VA2510-6HM32-0AA0	294305.-	3VA2510-6HM42-0AA0	387875.-
3VA25		1250	3VA2612-6HM32-0AA0	413695.-	3VA2612-6HM42-0AA0	547490.-
3VA26						

Std. Pkg. = 1 unit

* LP - List Price

SENTRON 3VA - Accessories

Frame	3VA1 100A/ 160A/ 250A/ 400A/ 630A/ 800A/ 1000A	Unit LP* ₹	3VA2 100A / 160A / 250A 3VA2 400A/630A/800A/1000A/1250A	Unit LP* ₹
Accessory	Type		Type	
Auxiliary switch (AUX)	3VA9988-0AA12 (1 C/O)	2840.-	3VA9988-0AA12 (1 C/O)	2840.-
Alarm switch (TAS)	3VA9988-0AB12 (1 C/O)	4390.-	3VA9988-0AB12 (1 C/O)	4390.-
Short-circuit Alarm switch (SAS) for 3VA1 Only	3VA9988-0AB32 (for 3VA10/ 11 100A/ 160A) 3VA9988-0AB34 (for 3VA12/ 13/ 14 250A/ 400A/ 630A)	2340.- 2340.-	-	-
Electrical alarm switches (EAS) for 3VA2 Only	-	-	3VA9988-0AB22	2340.-
Under voltage release (UVR)				
120-127 V AC 50/60 Hz	3VA9908-0BB24	6720.-	3VA9908-0BB24	6720.-
208-230 V AC 50/60 Hz	3VA9908-0BB25	6720.-	3VA9908-0BB25	6720.-
380-400 V AC 50/60 Hz	3VA9908-0BB26	6720.-	3VA9908-0BB26	6720.-
Shunt release flexible (STF)				
110-127 V AC 50/60 Hz	3VA9988-0BA22	5060.-	3VA9988-0BA22	5060.-
208-277 V AC 50/60 Hz	3VA9988-0BA23	5060.-	3VA9988-0BA23	5060.-
380-500 V AC 50/60 Hz	3VA9988-0BA24	5060.-	3VA9988-0BA24	5060.-
Shunt release left (STL)				
110-127 V AC 50/60 Hz	3VA9988-0BL32	5060.-	3VA9988-0BL32	5060.-
208-277 V AC 50/60 Hz	3VA9988-0BL33	5060.-	3VA9988-0BL33	5060.-
380-500 V AC 50/60 Hz	3VA9988-0BL20	5060.-	3VA9988-0BL20	5060.-
Extended Door Mounted Rotary Operator (including 8UC handle)	3VA9157-0FK51 (for 3VA10/ 11 100A/160A) 3VA9257-0FK51 (for 3VA12 250A) 3VA9467-0FK51 (for 3VA13/ 14 400/ 630A)	3315.- 3485.- 5460.-	3VA9267-0FK51 (for 3VA20/ 21/ 22 100A/ 160A/ 250A) 3VA9467-0FK51 (for 3VA23/ 24 400A/ 630A)	3485.- 5460.-
Extended Door Mounted Rotary Operator ^	3VA9687-0FK21 (for 3VA15 800/ 1000A)	14515.-	3VA9687-0FK21 (for 3VA25/26 800A/1000A/1250A)	14515.-
Illuminated - Door mounted rotary operator 24V DC	3VA9157-0FK23 (for 3VA10/ 11 100A/160A) 3VA9257-0FK23 (for 3VA12 250A) 3VA9467-0FK23 (for 3VA13/ 14 400A/ 630A) 3VA9687-0FK23 (for 3VA15 800A/1000A)	8665.- 9530.- 12110.- 15940.-	3VA9267-0FK23 (for 3VA20/ 21/ 22 100A/ 160A/ 250A) 3VA9467-0FK23 (for 3VA23/ 24 400A/ 630A) 3VA9687-0FK23 (for 3VA25/26 800A/1000A/1250A)	9530.- 12110.- 15940.-
Castell interlock kit* (for breakers with 8UC Handles) (To interlock two or more circuit breakers)	8UC60701YQ.. 3VA10/ 11 (100A/ 160A) 8UC60701YQ.. 3VA12 (250A)	6795.- 6795.-	8UC60701YQ.. 3VA20/ 21/ 22 (100A/ 160A/ 250A) 8UC60701YQ.. 3VA23/ 24 (400A/ 630A)	6795.- 6795.-
Sliding Bar Interlock (for same size breakers with Toggle Lever)	3VA9158-0VF30 (for 3VA10/ 11 100A/160A) 3VA9258-0VF30 (for 3VA12 250A) 3VA9368-0VF30 (for 3VA13/ 14 400A/ 630A)	8665.- 8995.- 10160.-	3VA9168-0VF30 (for 3VA20/ 21/ 22 100A/ 160A/ 250A) 3VA9368-0VF30 (for 3VA23/ 24 400A/ 630A)	9530.- 10160.-
Locking device for breaker with Toggle lever	3VA9088-0LB10 (3VA10/ 11/ 12 100A/ 160A/ 250A) 3VA9388-0LB10 (for 3VA13/ 14 400A/ 630A) 3VA9588-0LB10 (3VA15 800/ 1000A)	2645.- 3485.- 7525.-	3VA9388-0LB10 (for 3VA20/ 21/ 22/ 23/ 24 100A/ 160A/ 250A/ 400A/ 630A) 3VA9588-0LB10 (3VA25/26 800/ 1000/ 1250A)	3485.- 7525.-
Motorised drive - (Motorised operator - MO) 110-230V AC/ 110-250VDC	3VA9157-0HA20 (for 3VA11 160A) 3VA9257-0HA20 (for 3VA12 250A) 3VA9467-0HA20 (for 3VA13/ 14 400A/ 630A)	29080.- 38055.- 44935.-	3VA9267-0HA20 (for 3VA20/ 21/ 22 100A/ 160A/ 250A) 3VA9467-0HA20 (for 3VA23/ 24 400A/ 630A)	38055.- 44935.-
Spreader links - Broadened (with phase barriers)	3VA9153-0QC50 (for 3pole, 3VA10/ 11 100A/ 160A) 3VA9154-0QC50 (for 4pole, 3VA10/ 11 100A/ 160A) 3VA9253-0QC50 (for 3pole, 3VA12 250A) 3VA9254-0QC50 (for 4pole, 3VA12 250A) 3VA9483-0QC50 (for 3pole 3VA13/ 14 400A/ 630A) 3VA9484-0QC50 (for 4pole 3VA13/ 14 400A/ 630A)	1395.- 1780.- 1740.- 2310.- 2330.- 3020.-	3VA9263-0QC50 (for 3pole, 3VA20/ 21/ 22 100A/ 160A/ 250A) 3VA9264-0QC50 (for 4pole, 3VA20/ 21/ 22 100A/ 160A/ 250A) 3VA9483-0QC50 (for 3pole, 3VA23/ 24 400A/ 630A) 3VA9484-0QC50 (for 4pole, 3VA23/ 24 400A/ 630A)	1880.- 2450.- 2330.- 3020.-
Busbar extensions (with phase barriers)	3VA9603-0QB00 (for 3pole, 3VA15 800A/ 1000A) 3VA9604-0QB00 (for 4pole, 3VA15 800A/ 1000A)	7980.- 10660.-	3VA9603-0QB00 (for 3pole, 3VA25 800A/ 1000A) 3VA9604-0QB00 (for 4pole, 3VA25 800A/ 1000A)	7980.- 10660.-
Rear Terminals - Flat 1 set = 2 short + 1 Long (3pole) / 2 short + 2 Long (4pole)	3VA9113-0QE00 (for 3pole, 3VA10/ 11 100A/ 160A) 3VA9114-0QE00 (for 4pole, 3VA10/ 11 100A/ 160A) 3VA9213-0QE00 (for 3pole, 3VA12 250A) 3VA9214-0QE00 (for 4pole, 3VA12 250A) 3VA9403-0QE00 (for 3pole, 3VA13/ 14 400A/ 630A) 3VA9404-0QE00 (for 4pole, 3VA13/ 14 400A/ 630A)	2970.- 4015.- 3795.- 5080.- 6165.- 8220.-	3VA9203-0QE00 (for 3pole, 3VA20/ 21/ 22 100A/ 160A/ 250A) 3VA9204-0QE00 (for 4pole, 3VA20/ 21/ 22 100A/ 160A/ 250A) 3VA9403-0QE00 (for 3pole, 3VA23/ 24 400A/ 630A) 3VA9404-0QE00 (for 4pole, 3VA23/ 24 400A/ 630A)	3795.- 5080.- 6165.- 8220.-
Phase Barriers (1 set = 2 phase barriers)	3VA9152-0WA00 (for 3VA10/ 11 100A/ 160A) 3VA9252-0WA00 (for 3VA12 250A) 3VA9482-0WA00 (for 3VA13/ 14 400A/ 630A) 3VA9602-0WA00 (for 3VA15 800A/ 1000A)	565.- 565.- 1335.- 1340.-	3VA9262-0WA00 (for 3VA20/ 21/ 22 100A/ 160A/ 250A) 3VA9482-0WA00 (for 3VA23/ 24 400A/ 630A) 3VA9602-0WA00 (for 3VA25/26 800A/1000A/1250A)	565.- 1335.- 1340.-
3VA Adapter for mounting on 8US 60mm busbar system	8US1213-4AU01 (for 3pole, 3VA10/ 11) 8US1213-4AP03 (for 3-pole, 3VA12) 8US1213-4AH04 (for 3pole, 3VA13/ 14)	POR	8US1213-4AP03 (for 3VA20/ 21/ 22) 8US1213-4AH04 (for 3VA23/ 24)	POR

Notes:

The 11th and 12th place of the type reference will indicate the alphabet type of lock & key. Combinations available are A, B, C, D, A-, -B, -C, AB, AC. 11th place will be A, B, C, D for castell lock type A, B, C, D respectively. 11th and 12 place will be A0, 0B, 0C, AB, AC for castell lock type A-, -B, -C, AB, AC respectively

For higher breaking capacities (110kA and 150kA) and other special application MCCB, please contact your nearest Siemens Sales Office.

For side mounted handles please contact your nearest Siemens Sales Office.

* 1 set contains rotary mechanism, coupler, shaft and 8UC Front drive.

Spreader link 1 set = 3 nos. links and 2 nos. phase barriers in case of 3 pole; and 4 nos. links and 3 nos. phase barriers in case of 4 pole.

1) Door mounted rotary handles are not available for 1pole/ 2pole 3VA1 MCCBs

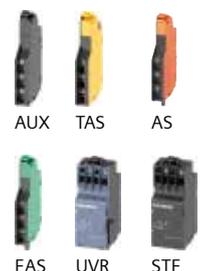
^ 3VA2 800A/1000A/1250A, extended rotary operator imported version (with 8UD handles)

Standard packing of 3VA26 1250A MCCB includes spreaders & phase barriers

Std. Pkg. = 1 unit

* LP - List Price

POR: Price On Request



SENTRON 3VA27 moulded case circuit breakers



- Line, motor, starter protection and non-automatic circuit breaker
- Rated currents 800A to 1600A (3pole/ 4pole)
- Fixed & Draw-out variants
- Toggle lever or Stored-energy Operator (factory fitted)
- Interchangeable ETU LI/ LSI/ LSIg protection
- Short-circuit breaking capacity 55kA to 110 kA @ 415 V AC
- Communication via Modbus TCP, Modbus RTU, PROFIBUS & PROFINET
- Metering function according to IEC 61557-12

SENTRON 3VA MCCB, Microprocessor Trip Unit, ETU320 LI, Ics = 100% Icu, 415VAC, 50Hz ⁵ (Fixed mounted)

Frame Size	Breaking Capacity @ 415VAC, 50Hz	Rated Current In (A)	3 Pole		4 Pole	
			Type	Unit LP* ₹	Type	Unit LP* ₹
3VA27	55kA	1250	3VA2712-5AB03-0AA0	367375.-	3VA2712-5AB13-0AA0	494120.-
		1600	3VA2716-5AB03-0AA0	508440.-	3VA2716-5AB13-0AA0	684215.-
	85kA	1250	3VA2712-6AB03-0AA0	403585.-	3VA2712-6AB13-0AA0	543140.-
		1600	3VA2716-6AB03-0AA0	558225.-	3VA2716-6AB13-0AA0	752105.-

SENTRON 3VA MCCB, Microprocessor Trip Unit, ETU360 LSIg, Ics = 100% Icu, 415VAC, 50Hz ⁵ (Fixed mounted)

Frame Size	Breaking Capacity @ 415VAC, 50Hz	Rated Current In (A)	3 Pole		4 Pole	
			Type	Unit LP* ₹	Type	Unit LP* ₹
3VA27	55kA	1250	3VA2712-5AD03-0AA0	397550.-	3VA2712-5AD13-0AA0	523530.-
		1600	3VA2716-5AD03-0AA0	537855.-	3VA2716-5AD13-0AA0	713625.-
	85kA	1250	3VA2712-6AD03-0AA0	433005.-	3VA2712-6AD13-0AA0	573315.-
		1600	3VA2716-6AD03-0AA0	587660.-	3VA2716-6AD13-0AA0	784535.-

Accessories for 3VA27

	Description	Type	Unit LP* ₹	Std. pkg. (nos.)
	Auxiliary switch (AUX)	3VW9011-0AG01	6555.-	1
	Alarm switch (TAS)	3VW9011-0AH14	3235.-	1
	Shunt release (ST)			
	110-120 V AC 50/60 HZ 220-240 V AC 50/60 HZ	3VW9011-0AD05 3VW9011-0AD07	15080.- 15080.-	1
	Under voltage release (UVR)			
	110-120 V AC 50/60 Hz 220-240 V AC 50/60 Hz 415-440 V AC 50/60 Hz	3VW9011-0AE05 3VW9011-0AE07 3VW9011-0AE18	16320.- 16320.- 16320.-	1
	Extended Door Mounted Rotary Operator [^] (Standard - Gray)	3VW9727-0FK21	14515.-	1

⁵ Toggle lever variants [^]3VA27 extended door mounted rotary operator (imported) with 8UD handles

All MCCBs are suitable for Front Terminals connection only.

Accessories can also be offered in factory fitted options

Please contact your nearest Siemens Sales Office for more Auxiliary combinations & choice of accessories

Std. Pkg. = 1 unit * LP - List Price



One system. Worldwide application.

The 3VA moulded case circuit breaker with UL certification

We have good news for machine and switchgear manufacturers who export worldwide: The 3VA5 and 3VA6 series of our 3VA moulded case circuit breakers with UL certification comply with the UL 489 standard as well as the IEC 60947 standard. All the functionalities of this modular and highly variable moulded case circuit breaker system can be used in plants that are operated, for example, in North America or Europe. The 3VA moulded case circuit breaker: One system. Worldwide application.

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SIEMENS



3VM moulded case circuit breaker



Efficient. Powerful.

- Rated current: 16A to 630A
- 1 pole, 2 pole, 3 pole & 4 pole options
- Breaking Capacity: 16kA to 55kA
- Fixed mounted, Plug-in version available
- Thermal Magnetic Trip Units (FTFM, ATFM, FM & AM)
- Available up to 500Vac / 500Vdc applications
- Universal platform of accessories across all sizes
- Type-2 coordination chart available for motor application

www.siemens.co.in

Certifications:

- Lloyd's Register (LR)
- Det Norske Veritas (DNV)
- Bureau Veritas (BV)
- American Bureau of Shipping (ABS)
- Russian Maritime Register of Shipping (RMRS)
- UK Declaration of Conformity
- EU Declaration of Conformity

SIEMENS

MCCB: SENTRON 3VM

- Rated current: 16A to 630A
- 1 pole, 2 pole, 3 pole & 4 pole versions
- Breaking capacity: 16kA to 55kA
- Thermal magnetic trip unit (FTFM, ATFM, AM, FM)
- Switch disconnectors
- Common Internal accessories for the entire range
- Knowledge Manager (QR Code)



SENTRON 3VM, Thermal Magnetic Trip Unit, Fixed Thermal Fixed Magnetic (FTFM), 415VAC, 50Hz

Frame Size	Breaking Capacity @ 415VAC, 50Hz	Rated Current In (A)	3 Pole Type	Unit MRP [®] ₹	4 Pole Type	Unit MRP [®] ₹
3VM10	16kA	16	3VM1096-2ED32-0AA0	11050.-	3VM1096-2ED42-0AA0	14320.-
		20	3VM1020-2ED32-0AA0	11050.-	3VM1020-2ED42-0AA0	14320.-
		25	3VM1025-2ED32-0AA0	11050.-	3VM1025-2ED42-0AA0	14320.-
		32	3VM1032-2ED32-0AA0	11050.-	3VM1032-2ED42-0AA0	14320.-
		40	3VM1040-2ED32-0AA0	11050.-	3VM1040-2ED42-0AA0	14320.-
		50	3VM1050-2ED32-0AA0	11050.-	3VM1050-2ED42-0AA0	14320.-
		63	3VM1063-2ED32-0AA0	11050.-	3VM1063-2ED42-0AA0	14320.-
		80	3VM1080-2ED32-0AA0	12075.-	3VM1080-2ED42-0AA0	15680.-
3VM10	25kA	100	3VM1010-2ED32-0AA0	13105.-	3VM1010-2ED42-0AA0	17075.-
		16	3VM1096-3ED32-0AA0	11450.-	3VM1096-3ED42-0AA0	14950.-
		20	3VM1020-3ED32-0AA0	11450.-	3VM1020-3ED42-0AA0	14950.-
		25	3VM1025-3ED32-0AA0	11450.-	3VM1025-3ED42-0AA0	14950.-
		32	3VM1032-3ED32-0AA0	11450.-	3VM1032-3ED42-0AA0	14950.-
		40	3VM1040-3ED32-0AA0	11450.-	3VM1040-3ED42-0AA0	14950.-
		50	3VM1050-3ED32-0AA0	11450.-	3VM1050-3ED42-0AA0	14950.-
		63	3VM1063-3ED32-0AA0	11450.-	3VM1063-3ED42-0AA0	14950.-
3VM11		80	3VM1080-3ED32-0AA0	12470.-	3VM1080-3ED42-0AA0	16215.-
		100	3VM1010-3ED32-0AA0	13390.-	3VM1010-3ED42-0AA0	17425.-
		125	3VM1112-3ED32-0AA0	17160.-	3VM1112-3ED42-0AA0	22660.-
		160	3VM1116-3ED32-0AA0	22385.-	3VM1116-3ED42-0AA0	28350.-

Frame Size	Breaking Capacity @ 415VAC, 50Hz	Rated Current In (A)	3 Pole Type	Unit LP* ₹	4 Pole Type	Unit LP* ₹
3VM11	36kA	16	3VM1196-4ED32-0AA0	12080.-	3VM1196-4GD42-0AA0	16725.-
		20	3VM1120-4ED32-0AA0	12080.-	3VM1120-4GD42-0AA0	16725.-
		25	3VM1125-4ED32-0AA0	12080.-	3VM1125-4GD42-0AA0	16725.-
		32	3VM1132-4ED32-0AA0	12080.-	3VM1132-4GD42-0AA0	16725.-
		40	3VM1140-4ED32-0AA0	12080.-	3VM1140-4GD42-0AA0	16725.-
		50	3VM1150-4ED32-0AA0	12080.-	3VM1150-4GD42-0AA0	16725.-
		63	3VM1163-4ED32-0AA0	12080.-	3VM1163-4GD42-0AA0	16725.-
		80	3VM1180-4ED32-0AA0	12690.-	3VM1180-4GD42-0AA0	18345.-
		100	3VM1110-4ED32-0AA0	14725.-	3VM1110-4GD42-0AA0	21200.-
		125	3VM1112-4ED32-0AA0	25850.-	3VM1112-4GD42-0AA0	33605.-
3VM12		160	3VM1116-4ED32-0AA0	28555.-	3VM1116-4GD42-0AA0	37135.-
		200	3VM1220-4ED32-0AA0	30680.-	3VM1220-4GD42-0AA0	37975.-
3VM13		250	3VM1225-4ED32-0AA0	40920.-	3VM1225-4GD42-0AA0	48215.-
		320	3VM1332-4ED32-0AA0	55515.-	3VM1332-4GD42-0AA0	68640.-
3VM14		400	3VM1340-4ED32-0AA0	56975.-	3VM1340-4GD42-0AA0	70110.-
		500	3VM1450-4ED32-0AA0	62675.-	3VM1450-4GD42-0AA0	75815.-
		630	3VM1463-4ED32-0AA0	62675.-	3VM1463-4GD42-0AA0	75815.-

^ 3VM11 TMTU up to 160A, please contact your nearest Siemens Sales Office for more details.

AM: Adjustable Magnetic

FM: Fixed Magnetic

Std. Pkg. = 1 unit

* LP - List Price

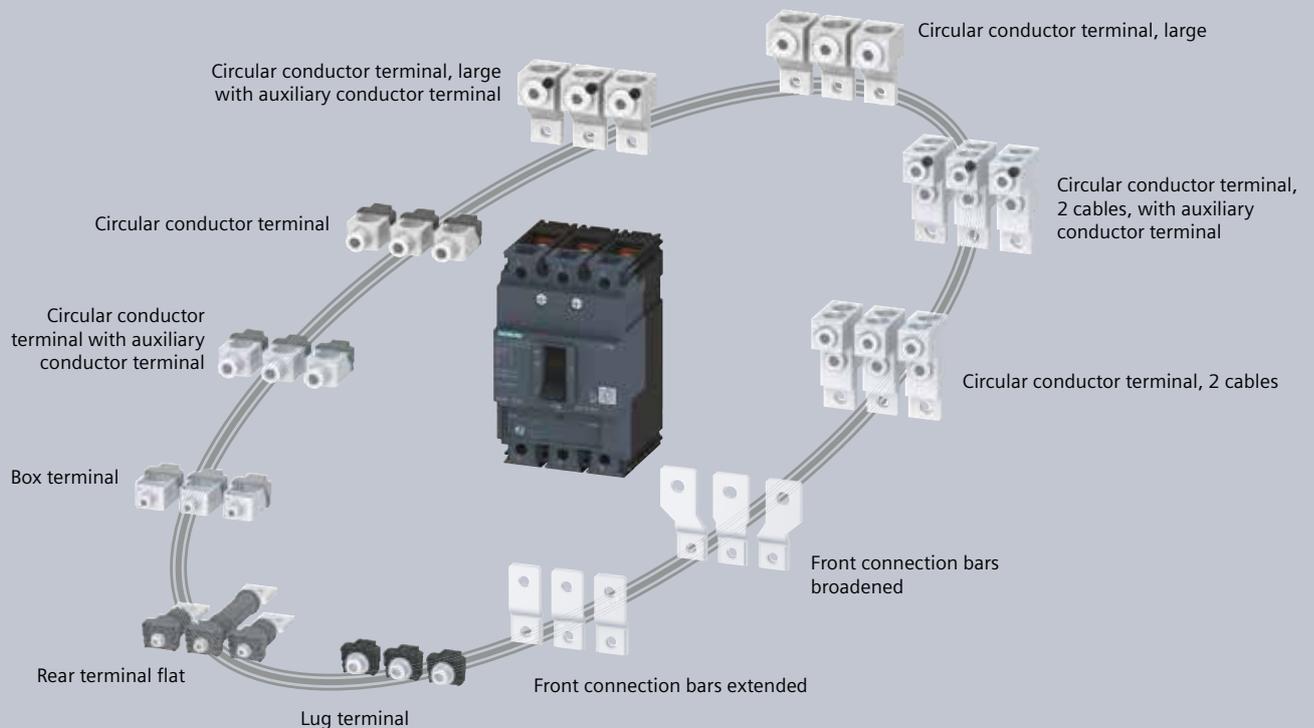
® MRP - Max. Retail Price

SETRON 3VM, Thermal Magnetic Trip Unit, Fixed Thermal Fixed Magnetic (FTFM), 415VAC, 50Hz (Contd.)

Frame Size	Breaking Capacity @ 415VAC, 50Hz	Rated Current In (A)	3 Pole Type	Unit LP* ₹	4 Pole Type	Unit LP* ₹
3VM11	55kA	16	3VM1196-5ED32-0AA0	13890.-	3VM1196-5GD42-0AA0	18020.-
		20	3VM1120-5ED32-0AA0	13890.-	3VM1120-5GD42-0AA0	18020.-
		25	3VM1125-5ED32-0AA0	13890.-	3VM1125-5GD42-0AA0	18020.-
		32	3VM1132-5ED32-0AA0	13890.-	3VM1132-5GD42-0AA0	18020.-
		40	3VM1140-5ED32-0AA0	13890.-	3VM1140-5GD42-0AA0	18020.-
		50	3VM1150-5ED32-0AA0	13890.-	3VM1150-5GD42-0AA0	18020.-
		63	3VM1163-5ED32-0AA0	13890.-	3VM1163-5GD42-0AA0	18020.-
		80	3VM1180-5ED32-0AA0	15220.-	3VM1180-5GD42-0AA0	19780.-
		100	3VM1110-5ED32-0AA0	17630.-	3VM1110-5GD42-0AA0	22885.-
		125	3VM1112-5ED32-0AA0	28410.-	3VM1112-5GD42-0AA0	36935.-
		160	3VM1116-5ED32-0AA0	31385.-	3VM1116-5GD42-0AA0	40835.-
3VM12		200	3VM1220-5ED32-0AA0	33950.-	3VM1220-5GD42-0AA0	43020.-
		250	3VM1225-5ED32-0AA0	44190.-	3VM1225-5GD42-0AA0	53265.-
3VM13		320	3VM1332-5ED32-0AA0	60195.-	3VM1332-5GD42-0AA0	72255.-
		400	3VM1340-5ED32-0AA0	61675.-	3VM1340-5GD42-0AA0	73730.-
3VM14		500	3VM1450-5ED32-0AA0	67360.-	3VM1450-5GD42-0AA0	79420.-
		630	3VM1463-5ED32-0AA0	67360.-	3VM1463-5GD42-0AA0	79420.-

Circuit Breakers

An extensive portfolio of connection components....



..to meet ALL installation requirements.

Std. Pkg. = 1 unit

* LP - List Price

SENTRON 3VM, Thermal Magnetic Trip Unit, Adj. Thermal Fixed Magnetic (ATFM), 415VAC, 50Hz

Frame Size	Breaking Capacity @ 415VAC, 50Hz	Rated Current In (A)	3 Pole Type	Unit LP* ₹	4 Pole Type	Unit LP* ₹
3VM11	25kA	16	3VM1196-3EE32-0AA0	13605.-	3VM1196-3GE42-0AA0	20500.-
		20	3VM1120-3EE32-0AA0	13605.-	3VM1120-3GE42-0AA0	20500.-
		25	3VM1125-3EE32-0AA0	13605.-	3VM1125-3GE42-0AA0	20500.-
		32	3VM1132-3EE32-0AA0	13605.-	3VM1132-3GE42-0AA0	20500.-
		40	3VM1140-3EE32-0AA0	13605.-	3VM1140-3GE42-0AA0	20500.-
		50	3VM1150-3EE32-0AA0	13605.-	3VM1150-3GE42-0AA0	20500.-
		63	3VM1163-3EE32-0AA0	13605.-	3VM1163-3GE42-0AA0	20500.-
		80	3VM1180-3EE32-0AA0	13605.-	3VM1180-3GE42-0AA0	20500.-
		100	3VM1110-3EE32-0AA0	13605.-	3VM1110-3GE42-0AA0	20500.-
		125	3VM1112-3EE32-0AA0	17555.-	3VM1112-3GE42-0AA0	24025.-
		160	3VM1116-3EE32-0AA0	24155.-	3VM1116-3GE42-0AA0	30750.-
3VM11	36kA	16	3VM1196-4EE32-0AA0	17600.-	3VM1196-4GE42-0AA0	23025.-
		20	3VM1120-4EE32-0AA0	17600.-	3VM1120-4GE42-0AA0	23025.-
		25	3VM1125-4EE32-0AA0	17600.-	3VM1125-4GE42-0AA0	23025.-
		32	3VM1132-4EE32-0AA0	17600.-	3VM1132-4GE42-0AA0	23025.-
		40	3VM1140-4EE32-0AA0	17600.-	3VM1140-4GE42-0AA0	23025.-
		50	3VM1150-4EE32-0AA0	17600.-	3VM1150-4GE42-0AA0	23025.-
		63	3VM1163-4EE32-0AA0	17600.-	3VM1163-4GE42-0AA0	23025.-
		80	3VM1180-4EE32-0AA0	17600.-	3VM1180-4GE42-0AA0	23025.-
		100	3VM1110-4EE32-0AA0	17600.-	3VM1110-4GE42-0AA0	23025.-
		125	3VM1112-4EE32-0AA0	27080.-	3VM1112-4GE42-0AA0	34485.-
		160	3VM1116-4EE32-0AA0	29340.-	3VM1116-4GE42-0AA0	38095.-
3VM12		200	3VM1220-4EE32-0AA0	42440.-	3VM1220-4GE42-0AA0	49530.-
		250	3VM1225-4EE32-0AA0	42440.-	3VM1225-4GE42-0AA0	49530.-
3VM13		320	3VM1332-4EE32-0AA0	56815.-	3VM1332-4GE42-0AA0	69555.-
		400	3VM1340-4EE32-0AA0	57340.-	3VM1340-4GE42-0AA0	69555.-
3VM14		500	3VM1450-4EE32-0AA0	64900.-	3VM1450-4GE42-0AA0	77635.-
		630	3VM1463-4EE32-0AA0	64900.-	3VM1463-4GE42-0AA0	77635.-
3VM11	55kA	16	3VM1196-5EE32-0AA0	20050.-	3VM1196-5GE42-0AA0	25330.-
		20	3VM1120-5EE32-0AA0	20050.-	3VM1120-5GE42-0AA0	25330.-
		25	3VM1125-5EE32-0AA0	20050.-	3VM1125-5GE42-0AA0	25330.-
		32	3VM1132-5EE32-0AA0	20050.-	3VM1132-5GE42-0AA0	25330.-
		40	3VM1140-5EE32-0AA0	20050.-	3VM1140-5GE42-0AA0	25330.-
		50	3VM1150-5EE32-0AA0	20050.-	3VM1150-5GE42-0AA0	25330.-
		63	3VM1163-5EE32-0AA0	20050.-	3VM1163-5GE42-0AA0	25330.-
		80	3VM1180-5EE32-0AA0	20050.-	3VM1180-5GE42-0AA0	25330.-
		100	3VM1110-5EE32-0AA0	20050.-	3VM1110-5GE42-0AA0	25330.-
		125	3VM1112-5EE32-0AA0	31475.-	3VM1112-5GE42-0AA0	37810.-
		160	3VM1116-5EE32-0AA0	32270.-	3VM1116-5GE42-0AA0	41645.-
3VM12		200	3VM1220-5EE32-0AA0	45610.-	3VM1220-5GE42-0AA0	54420.-
		250	3VM1225-5EE32-0AA0	45610.-	3VM1225-5GE42-0AA0	54420.-
3VM13		320	3VM1332-5EE32-0AA0	61365.-	3VM1332-5GE42-0AA0	73065.-
		400	3VM1340-5EE32-0AA0	61940.-	3VM1340-5GE42-0AA0	73065.-
3VM14		500	3VM1450-5EE32-0AA0	69435.-	3VM1450-5GE42-0AA0	81140.-
		630	3VM1463-5EE32-0AA0	69435.-	3VM1463-5GE42-0AA0	81140.-

Circuit Breakers

Std. Pkg. = 1 unit

* LP - List Price

SETRON 3VM, Motor Starter Protection, 3pole, Adjustable Magnetic (AM) trip unit

Frame Size	Rated Current In (A)	Breaking Capacity (55kA, 415V, 50Hz)	Unit LP* ₹
3VM11	8 ¹⁾	3VM1108-5MG32-0AA0	17460.-
	12.5 ¹⁾	3VM1192-5MG32-0AA0	17460.-
	20	3VM1120-5MH32-0AA0	17460.-
	32	3VM1132-5MH32-0AA0	20865.-
	40	3VM1140-5MH32-0AA0	20865.-
	50	3VM1150-5MH32-0AA0	20865.-
	63	3VM1163-5MH32-0AA0	20865.-
	80	3VM1180-5MH32-0AA0	20865.-
	100	3VM1110-5MH32-0AA0	20865.-
	125	3VM1112-5MH32-0AA0	31055.-
3VM12	160	3VM1216-5MH32-0AA0	31055.-
	200	3VM1220-5MH32-0AA0	47110.-
3VM13	250	3VM1325-5MH32-0AA0	47110.-
	320	3VM1332-5MH32-0AA0	67505.-
3VM14	400	3VM1440-5MH32-0AA0	67505.-
	500	3VM1450-5MH32-0AA0	74820.-



Please refer recommended Type-2 coordination chart.

SETRON 3VM, Switch Disconnecter (without protection)

Frame Size	Rated Current In (A)	3pole Type	Unit LP* ₹	4pole Type	Unit LP* ₹
3VM11	63	3VM1163-1AA32-0AA0	13035.-	3VM1163-1AA42-0AA0	19255.-
	100	3VM1110-1AA32-0AA0	13035.-	3VM1110-1AA42-0AA0	19255.-
	125	3VM1112-1AA32-0AA0	19010.-	3VM1112-1AA42-0AA0	23930.-
	160	3VM1116-1AA32-0AA0	19010.-	3VM1116-1AA42-0AA0	23930.-
3VM12	250	3VM1225-1AA32-0AA0	31640.-	3VM1225-1AA42-0AA0	42200.-
3VM13	400	3VM1340-1AA32-0AA0	40820.-	3VM1340-1AA42-0AA0	53080.-

¹⁾ Fixed magnetic

3VM Plug in Portfolio

16A-630A, 3P & 4P



3VM MCCB



Plug in kit

Plug in technology



Easy to handle



Quick Replacement



Safe Installation

Available as complete kit and/or conversion kit. Please contact your nearest Siemens Sales Office for further information.

SENTRON 3VM, Thermal Magnetic Trip Unit, Fixed Thermal Fixed Magnetic (FTFM)

Frame Size	Breaking Capacity	Rated Current In (A)	1 Pole Type	Unit LP* ₹	2 Pole Type	Unit LP* ₹
3VM11	25kA ¹⁾	16	3VM1196-3ED12-0AA0	5085.-	3VM1196-3ED22-0AA0	9115.-
		20	3VM1120-3ED12-0AA0	5085.-	3VM1120-3ED22-0AA0	9115.-
		25	3VM1125-3ED12-0AA0	5085.-	3VM1125-3ED22-0AA0	9115.-
		32	3VM1132-3ED12-0AA0	5085.-	3VM1132-3ED22-0AA0	9115.-
		40	3VM1140-3ED12-0AA0	5085.-	3VM1140-3ED22-0AA0	9115.-
		50	3VM1150-3ED12-0AA0	5085.-	3VM1150-3ED22-0AA0	9115.-
		63	3VM1163-3ED12-0AA0	5085.-	3VM1163-3ED22-0AA0	9115.-
		80	3VM1180-3ED12-0AA0	5590.-	3VM1180-3ED22-0AA0	9985.-
		100	3VM1110-3ED12-0AA0	6450.-	3VM1110-3ED22-0AA0	11700.-
		125	3VM1112-3ED12-0AA0	10420.-	3VM1112-3ED22-0AA0	18935.-
		160	3VM1116-3ED12-0AA0	12145.-	3VM1116-3ED22-0AA0	21865.-
3VM11	36kA ¹⁾	16	3VM1196-4ED12-0AA0	5500.-	3VM1196-4ED22-0AA0	9985.-
		20	3VM1120-4ED12-0AA0	5500.-	3VM1120-4ED22-0AA0	9985.-
		25	3VM1125-4ED12-0AA0	5500.-	3VM1125-4ED22-0AA0	9985.-
		32	3VM1132-4ED12-0AA0	5500.-	3VM1132-4ED22-0AA0	9985.-
		40	3VM1140-4ED12-0AA0	5500.-	3VM1140-4ED22-0AA0	9985.-
		50	3VM1150-4ED12-0AA0	5500.-	3VM1150-4ED22-0AA0	9985.-
		63	3VM1163-4ED12-0AA0	5500.-	3VM1163-4ED22-0AA0	9985.-
		80	3VM1180-4ED12-0AA0	6110.-	3VM1180-4ED22-0AA0	11025.-
		100	3VM1110-4ED12-0AA0	6580.-	3VM1110-4ED22-0AA0	12735.-
		125	3VM1112-4ED12-0AA0	11295.-	3VM1112-4ED22-0AA0	20305.-
		160	3VM1116-4ED12-0AA0	13165.-	3VM1116-4ED22-0AA0	23755.-

¹⁾ 1pole : Icu 25kA/ 36kA @ 240VAC, 2pole : Icu 25kA/ 36kA @ 415VAC

Earth fault protection for SENTRON 3VM moulded case circuit breaker

Description	Type	Unit LP* ₹
Earth fault monitoring relay	7UG0861-1BU20	6720.-
CBCT for EFR: 160 frame Suitable for 3VM10/11	3P	2320.-
	4P	2645.-
CBCT for EFR: 250 frame Suitable for 3VM12	3P	2800.-
	4P	3300.-
CBCT for EFR: 630 frame Suitable for 3VM13/14	3P	4125.-
	4P	4470.-

Earth leakage protection for SENTRON 3VM moulded case circuit breaker

Description	Type	Unit LP* ₹
Earth leakage relay 1Ph-2W, 3Ph-3W, 3Ph-4W	110VAC	6500.-
	230VAC	6570.-
CBCT for ELR	35 mm dia	2365.-
	70 mm dia	2705.-
	120 mm dia	4605.-
	210 mm dia	8855.-
	310 mm dia	13200.-

Note: Order 1 no of shunt trip release for MCCB separately along with earth fault relay / earth leakage relay

Std. Pkg. = 1 unit

* LP - List Price

Internal accessories for SENTRON 3VM10/11/12/13/14 100A-630A

MLFB	Description	Unit LP*₹
Auxiliary Switches and Alarm Switches (1 C/O)		
3VM9988-0AA12	Auxiliary Switch AUX (1 C/O)	2190.-
3VM9988-0AB12	Trip Alarm Switch TAS (1 C/O)	2190.-
Undervoltage releases		
3VM9908-0BB11	UVR 24V DC	4885.-
3VM9908-0BB12	UVR 48V DC	4885.-
3VM9908-0BB23	UVR 110 V AC 50/60HZ	4885.-
3VM9908-0BB25	UVR 208-230 V AC 50/60 HZ	4885.-
3VM9908-0BB26	UVR 380-400 V AC 50/60 HZ	4885.-
Shunt release (Left)		
3VM9908-0BL30	STL 24V AC 50/60Hz / 12-30V DC	3960.-
3VM9908-0BL31	STL 48-60V AC 50/60Hz/ DC	3960.-
3VM9908-0BL32	STL 110-127 V AC 50/60 HZ / DC	3960.-
3VM9908-0BL33	STL 208-277 V AC 50/60 HZ / 220-250 V DC	3960.-
3VM9908-0BL20	STL 380-600 V AC 50/60 HZ	3960.-

External Accessories:

MLFB	Description	Unit LP*₹
Rotary Handles ¹⁾		
3VM9117-0FK51 [®]	Door mounted Rotary Operator with 8UC drive, Standard, 3VM10/ 11	2680.-
3VM9217-0FK51 [®]	Door mounted Rotary Operator with 8UC drive, Standard, 3VM12	3380.-
3VM9417-0FK51 [®]	Door mounted Rotary Operator with 8UC drive, Standard, 3VM13/ 14	3815.-
3VM9117-0EK21	Direct mounted Rotary Operator (Grey), Standard, 3VM10/ 11	3130.-
3VM9217-0EK21	Direct mounted Rotary Operator (Grey), Standard, 3VM12	4105.-
3VM9417-0EK21	Direct mounted Rotary Operator (Grey), Standard, 3VM13/ 14	4530.-
Spreaders (incl. Phase barriers)		
3VM9153-0QC50	Spreader links - Broadened, 3pole, 3VM10/ 11	1405.-
3VM9154-0QC50	Spreader links - Broadened, 4pole, 3VM10/ 11	1795.-
3VM9253-0QC50	Spreader links - Broadened, 3pole, 3VM12	1755.-
3VM9254-0QC50	Spreader links - Broadened, 4pole, 3VM12	2330.-
3VM9483-0QC50	Spreader links - Broadened, 3pole, 3VM13/ 14	2350.-
3VM9484-0QC50	Spreader links - Broadened, 4pole, 3VM13/ 14	3050.-
Extended terminals (incl. Phase barriers)		
3VM9253-0QB50	Extended terminals, 3pole, 3VM12	1180.-
3VM9254-0QB50	Extended terminals, 4pole, 3VM12	1575.-
3VM9483-0QB50	Extended terminals, 3pole, 3VM13/ 14	1590.-
3VM9484-0QB50	Extended terminals, 4pole, 3VM13/ 14	2070.-
Phase barriers		
3VM9152-0WA00	Phase barriers (1set = 2 phase barriers), 3VM10/ 11	920.-
3VM9252-0WA00	Phase barriers (1set = 2 phase barriers), 3VM12	1280.-
3VM9482-0WA00	Phase barriers (1set = 2 phase barriers), 3VM13/ 14	1280.-
Locking device for breaker with Toggle lever		
3VM9188-0LB10	Locking device for: 3VM10/ 11/ 12	2435.-
3VM9388-0LB10	Locking device for: 3VM13/ 14	3205.-
Interlocking (for MCCBs with 8UC handles)		
8UC60701YQ.. #	Castell interlock kit for 3VM10/ 11/ 12/ 13/ 14	6795.-



Notes:

The 11th and 12th place of the type reference will indicate the alphabet type of lock & key. Combinations available are A, B, C, D, A-, -B, -C, AB, AC. 11th place will be A, B, C, D for castell lock type A, B, C, D respectively. 11th and 12th place will be A0, 0B, 0C, AB, AC for castell lock type A-, -B, -C, AB, AC respectively

[®] 1 set contains rotary mechanism, coupler, shaft and 8UC Front drive.

Spreader link 1 set = 3 nos. links and 2 nos. phase barriers in case of 3 pole; and 4 nos. links and 3 nos. phase barriers in case of 4 pole.

¹⁾ Rotary handles are not available for 1pole/ 2pole 3VM1 MCCBs

Std. Pkg. = 1 unit

* LP - List Price

SINOVA THE POWER OF **SIMPLICITY**

3VJ2 moulded case circuit breakers

Microprocessor Based Trip Unit



Compact
Efficient design



Versatile
For various applications



Reliable
Siemens trusted quality



Operational efficiency
Reduced downtime

NEW



Product highlights

Range

Current rating from
160A to 630A

Ics = Icu =
55kA

Microprocessor Based trip units



Color coded
Knob switches

3P, 4P
LSI, LSIG

Enhanced protection

Microprocessor trip units

- L : Overload protection
- S : Short time delayed short circuit protection
- I : Instantaneous short circuit protection
- G : Ground fault protection



Enhanced
protection

Approbations

RoHS

IEC 60947-1
General rules

IEC 60947-2
Circuit breakers

IEC 60947-5-1

Control circuit devices and switching elements - Electromechanical control circuit devices

www.siemens.co.in

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SINOVA THE POWER OF **SIMPLICITY**

3VJ1 moulded case circuit breakers

Thermal Magnetic Trip Unit



Compact
Efficient design



Versatile
For various
applications



Reliable
Siemens trusted
quality



Operational
efficiency
Reduced
downtime



www.siemens.co.in

SIEMENS

3VJ Moulded Case Circuit Breaker

3VJ10 MCCB, Thermal Magnetic Trip Unit, Fixed Thermal Fixed Magnetic (FTFM), 415VAC, 50Hz

Frame Size	Breaking Capacity @415V AC, 50/60Hz	Rated Current In (A)	2 Pole Type	Unit MRP* ₹	3 Pole Type	Unit MRP* ₹	4 Pole Type	Unit MRP* ₹
3VJ10 (VJ1 125X)	10kA	16	3VJ1096-0DA22-0AA0	3260.-	3VJ1096-0DA32-0AA0	4045.-	3VJ1096-0EA42-0AA0	5800.-
		20	3VJ1002-0DA22-0AA0	3260.-	3VJ1002-0DA32-0AA0	4045.-	3VJ1002-0EA42-0AA0	5800.-
		25	3VJ1092-0DA22-0AA0	3260.-	3VJ1092-0DA32-0AA0	4045.-	3VJ1092-0EA42-0AA0	5800.-
		32	3VJ1003-0DA22-0AA0	3260.-	3VJ1003-0DA32-0AA0	4045.-	3VJ1003-0EA42-0AA0	5800.-
		40	3VJ1004-0DA22-0AA0	3260.-	3VJ1004-0DA32-0AA0	4045.-	3VJ1004-0EA42-0AA0	5800.-
		50	3VJ1005-0DA22-0AA0	3260.-	3VJ1005-0DA32-0AA0	4045.-	3VJ1005-0EA42-0AA0	5800.-
		63	3VJ1006-0DA22-0AA0	3260.-	3VJ1006-0DA32-0AA0	4045.-	3VJ1006-0EA42-0AA0	5800.-
		80	3VJ1008-0DA22-0AA0	3260.-	3VJ1008-0DA32-0AA0	4045.-	3VJ1008-0EA42-0AA0	5800.-
		100	3VJ1010-0DA22-0AA0	3260.-	3VJ1010-0DA32-0AA0	4045.-	3VJ1010-0EA42-0AA0	5800.-
	125	3VJ1012-0DA22-0AA0	5035.-	3VJ1012-0DA32-0AA0	6070.-	3VJ1012-0EA42-0AA0	8695.-	
	18kA	16	3VJ1096-1DA22-0AA0	4505.-	3VJ1096-1DA32-0AA0	6505.-	3VJ1096-1EA42-0AA0	8345.-
		20	3VJ1002-1DA22-0AA0	4505.-	3VJ1002-1DA32-0AA0	6505.-	3VJ1002-1EA42-0AA0	8345.-
		25	3VJ1092-1DA22-0AA0	4505.-	3VJ1092-1DA32-0AA0	6505.-	3VJ1092-1EA42-0AA0	8345.-
		32	3VJ1003-1DA22-0AA0	4505.-	3VJ1003-1DA32-0AA0	6505.-	3VJ1003-1EA42-0AA0	8345.-
		40	3VJ1004-1DA22-0AA0	4505.-	3VJ1004-1DA32-0AA0	6505.-	3VJ1004-1EA42-0AA0	8345.-
		50	3VJ1005-1DA22-0AA0	4505.-	3VJ1005-1DA32-0AA0	6505.-	3VJ1005-1EA42-0AA0	8345.-
		63	3VJ1006-1DA22-0AA0	4505.-	3VJ1006-1DA32-0AA0	6505.-	3VJ1006-1EA42-0AA0	8345.-
		80	3VJ1008-1DA22-0AA0	4505.-	3VJ1008-1DA32-0AA0	6505.-	3VJ1008-1EA42-0AA0	8345.-
		100	3VJ1010-1DA22-0AA0	4505.-	3VJ1010-1DA32-0AA0	6505.-	3VJ1010-1EA42-0AA0	8345.-
	125	3VJ1012-1DA22-0AA0	5215.-	3VJ1012-1DA32-0AA0	7460.-	3VJ1012-1EA42-0AA0	9705.-	
	25kA	16	3VJ1096-3DA22-0AA0	5410.-	3VJ1096-3DA32-0AA0	7095.-	3VJ1096-3EA42-0AA0	9410.-
		20	3VJ1002-3DA22-0AA0	5410.-	3VJ1002-3DA32-0AA0	7095.-	3VJ1002-3EA42-0AA0	9410.-
		25	3VJ1092-3DA22-0AA0	5410.-	3VJ1092-3DA32-0AA0	7095.-	3VJ1092-3EA42-0AA0	9410.-
		32	3VJ1003-3DA22-0AA0	5410.-	3VJ1003-3DA32-0AA0	7095.-	3VJ1003-3EA42-0AA0	9410.-
		40	3VJ1004-3DA22-0AA0	5410.-	3VJ1004-3DA32-0AA0	7095.-	3VJ1004-3EA42-0AA0	9410.-
		50	3VJ1005-3DA22-0AA0	5410.-	3VJ1005-3DA32-0AA0	7095.-	3VJ1005-3EA42-0AA0	9410.-
		63	3VJ1006-3DA22-0AA0	5410.-	3VJ1006-3DA32-0AA0	7095.-	3VJ1006-3EA42-0AA0	9410.-
		80	3VJ1008-3DA22-0AA0	5410.-	3VJ1008-3DA32-0AA0	7095.-	3VJ1008-3EA42-0AA0	9410.-
		100	3VJ1010-3DA22-0AA0	5410.-	3VJ1010-3DA32-0AA0	7095.-	3VJ1010-3EA42-0AA0	9410.-
	125	3VJ1012-3DA22-0AA0	5410.-	3VJ1012-3DA32-0AA0	8105.-	3VJ1012-3EA42-0AA0	10345.-	

Notes:

Phase barriers are included in the standard MCCB packing

^2P in 3P Frame Size Std. Pkg. = 1 unit * MRP - Max. Retail Price

For single pole 3VJ MCCB, please contact your nearest Siemens Sales Office.



3VJ MCCB, Thermal Magnetic Trip Unit, Fixed Thermal Fixed Magnetic (FTFM), 415VAC, 50Hz

Frame Size	Breaking Capacity @415V AC, 50/60Hz	Rated Current In (A)	2^ Pole Type	Unit MRP* ₹	3 Pole Type	Unit MRP* ₹	4 Pole Type	Unit MRP* ₹
3VJ12 (VJ1 250)	25kA	160	3VJ1216-3DA22-0AA0	10985.-	3VJ1216-3DA32-0AA0	12735.-	3VJ1216-3EA42-0AA0	16755.-
		200	3VJ1220-3DA22-0AA0	11110.-	3VJ1220-3DA32-0AA0	12935.-	3VJ1220-3EA42-0AA0	18395.-
		250	3VJ1225-3DA22-0AA0	11225.-	3VJ1225-3DA32-0AA0	14555.-	3VJ1225-3EA42-0AA0	19165.-
3VJ13 (VJ1 400)		320	-	-	3VJ1332-3DA32-0AA0	28830.-	3VJ1332-3EA42-0AA0	37130.-
		400	-	-	3VJ1340-3DA32-0AA0	28830.-	3VJ1340-3EA42-0AA0	37130.-
3VJ11 (VJ1 125)	36kA	16	3VJ1196-5DA22-0AA0	8325.-	3VJ1196-5DA32-0AA0	9900.-	3VJ1196-5EA42-0AA0	13080.-
		20	3VJ1102-5DA22-0AA0	8325.-	3VJ1102-5DA32-0AA0	9900.-	3VJ1102-5EA42-0AA0	13080.-
		25	3VJ1192-5DA22-0AA0	8325.-	3VJ1192-5DA32-0AA0	9900.-	3VJ1192-5EA42-0AA0	13080.-
		32	3VJ1103-5DA22-0AA0	8325.-	3VJ1103-5DA32-0AA0	9900.-	3VJ1103-5EA42-0AA0	13080.-
		40	3VJ1104-5DA22-0AA0	8325.-	3VJ1104-5DA32-0AA0	9900.-	3VJ1104-5EA42-0AA0	13080.-
		50	3VJ1105-5DA22-0AA0	8325.-	3VJ1105-5DA32-0AA0	9900.-	3VJ1105-5EA42-0AA0	13080.-
		63	3VJ1106-5DA22-0AA0	8325.-	3VJ1106-5DA32-0AA0	9900.-	3VJ1106-5EA42-0AA0	13080.-
		80	3VJ1108-5DA22-0AA0	8325.-	3VJ1108-5DA32-0AA0	10195.-	3VJ1108-5EA42-0AA0	13485.-
		100	3VJ1110-5DA22-0AA0	8325.-	3VJ1110-5DA32-0AA0	10195.-	3VJ1110-5EA42-0AA0	13485.-
3VJ12 (VJ1 250)		160	3VJ1216-5DA22-0AA0	11585.-	3VJ1216-5DA32-0AA0	14260.-	3VJ1216-5EA42-0AA0	17345.-
		200	3VJ1220-5DA22-0AA0	12205.-	3VJ1220-5DA32-0AA0	17585.-	3VJ1220-5EA42-0AA0	22695.-
		250	3VJ1225-5DA22-0AA0	13775.-	3VJ1225-5DA32-0AA0	20210.-	3VJ1225-5EA42-0AA0	26010.-
3VJ13 (VJ1 400)		320	-	-	3VJ1332-5DA32-0AA0	29550.-	3VJ1332-5EA42-0AA0	37850.-
		400	-	-	3VJ1340-5DA32-0AA0	29550.-	3VJ1340-5EA42-0AA0	37850.-
3VJ14 (VJ1 630)		500	-	-	3VJ1450-5DA32-0AA0	44330.-	3VJ1450-5EA42-0AA0	56780.-
		630	-	-	3VJ1463-5DA32-0AA0	44330.-	3VJ1463-5EA42-0AA0	56780.-
3VJ11 (VJ1 125)	55kA	16	3VJ1196-7DA22-0AA0	8760.-	3VJ1196-7DA32-0AA0	12665.-	3VJ1196-7EA42-0AA0	16710.-
		20	3VJ1102-7DA22-0AA0	8760.-	3VJ1102-7DA32-0AA0	12665.-	3VJ1102-7EA42-0AA0	16710.-
		25	3VJ1192-7DA22-0AA0	8760.-	3VJ1192-7DA32-0AA0	12665.-	3VJ1192-7EA42-0AA0	16710.-
		32	3VJ1103-7DA22-0AA0	8760.-	3VJ1103-7DA32-0AA0	12665.-	3VJ1103-7EA42-0AA0	16710.-
		40	3VJ1104-7DA22-0AA0	8760.-	3VJ1104-7DA32-0AA0	12665.-	3VJ1104-7EA42-0AA0	16710.-
		50	3VJ1105-7DA22-0AA0	8760.-	3VJ1105-7DA32-0AA0	12665.-	3VJ1105-7EA42-0AA0	16710.-
		63	3VJ1106-7DA22-0AA0	8760.-	3VJ1106-7DA32-0AA0	12665.-	3VJ1106-7EA42-0AA0	16710.-
		80	3VJ1108-7DA22-0AA0	8760.-	3VJ1108-7DA32-0AA0	12665.-	3VJ1108-7EA42-0AA0	16710.-
		100	3VJ1110-7DA22-0AA0	8760.-	3VJ1110-7DA32-0AA0	12665.-	3VJ1110-7EA42-0AA0	16710.-
3VJ12 (VJ1 250)		160	3VJ1216-7DA22-0AA0	12560.-	3VJ1216-7DA32-0AA0	17640.-	3VJ1216-7EA42-0AA0	23300.-
		200	3VJ1220-7DA22-0AA0	12810.-	3VJ1220-7DA32-0AA0	20285.-	3VJ1220-7EA42-0AA0	26785.-
		250	3VJ1225-7DA22-0AA0	14030.-	3VJ1225-7DA32-0AA0	23325.-	3VJ1225-7EA42-0AA0	30810.-
3VJ13 (VJ1 400)		320	-	-	3VJ1332-7DA32-0AA0	30275.-	3VJ1332-7EA42-0AA0	38940.-
		400	-	-	3VJ1340-7DA32-0AA0	30275.-	3VJ1340-7EA42-0AA0	38940.-
3VJ14 (VJ1 630)		500	-	-	3VJ1450-7DA32-0AA0	45410.-	3VJ1450-7EA42-0AA0	58395.-
		630	-	-	3VJ1463-7DA32-0AA0	45410.-	3VJ1463-7EA42-0AA0	58395.-

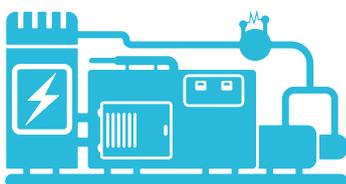
Notes:

Phase barriers are included in the standard MCCB packing

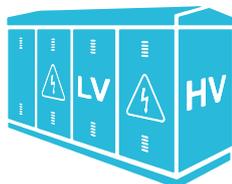
^2P in 3P Frame Size

Std. Pkg. = 1 unit

* MRP - Max. Retail Price



Diesel Generator



Compact Substation



Utility Feeder Panel

3VJ10 MCCB, Thermal Magnetic Trip Unit, Adjustable Thermal Fixed Magnetic (ATFM), 415VAC, 50Hz

Frame Size	Breaking Capacity @415V AC, 50/60Hz	Rated Current In (A)	3 Pole Type	Unit MRP* ₹	4 Pole Type	Unit MRP* ₹	
3VJ10 (VJ1 125X)	10kA	16	3VJ1096-0DB32-0AA0	5155.-	3VJ1096-0EB42-0AA0	6965.-	
		20	3VJ1002-0DB32-0AA0	5155.-	3VJ1002-0EB42-0AA0	6965.-	
		25	3VJ1092-0DB32-0AA0	5155.-	3VJ1092-0EB42-0AA0	6965.-	
		32	3VJ1003-0DB32-0AA0	5155.-	3VJ1003-0EB42-0AA0	6965.-	
		40	3VJ1004-0DB32-0AA0	5155.-	3VJ1004-0EB42-0AA0	6965.-	
		50	3VJ1005-0DB32-0AA0	5155.-	3VJ1005-0EB42-0AA0	6965.-	
		63	3VJ1006-0DB32-0AA0	5155.-	3VJ1006-0EB42-0AA0	6965.-	
		80	3VJ1008-0DB32-0AA0	5155.-	3VJ1008-0EB42-0AA0	6965.-	
		100	3VJ1010-0DB32-0AA0	5155.-	3VJ1010-0EB42-0AA0	6965.-	
		125	3VJ1012-0DB32-0AA0	7415.-	3VJ1012-0EB42-0AA0	10465.-	
		18kA	16	3VJ1096-1DB32-0AA0	7795.-	3VJ1096-1EB42-0AA0	10005.-
			20	3VJ1002-1DB32-0AA0	7795.-	3VJ1002-1EB42-0AA0	10005.-
	25		3VJ1092-1DB32-0AA0	7795.-	3VJ1092-1EB42-0AA0	10005.-	
	32		3VJ1003-1DB32-0AA0	7795.-	3VJ1003-1EB42-0AA0	10005.-	
	40		3VJ1004-1DB32-0AA0	7795.-	3VJ1004-1EB42-0AA0	10005.-	
	50		3VJ1005-1DB32-0AA0	7795.-	3VJ1005-1EB42-0AA0	10005.-	
	63		3VJ1006-1DB32-0AA0	7795.-	3VJ1006-1EB42-0AA0	10005.-	
	80		3VJ1008-1DB32-0AA0	7795.-	3VJ1008-1EB42-0AA0	10005.-	
	100		3VJ1010-1DB32-0AA0	7795.-	3VJ1010-1EB42-0AA0	10005.-	
	125		3VJ1012-1DB32-0AA0	8935.-	3VJ1012-1EB42-0AA0	11635.-	
	25kA		16	3VJ1096-3DB32-0AA0	8955.-	3VJ1096-3EB42-0AA0	11875.-
			20	3VJ1002-3DB32-0AA0	8955.-	3VJ1002-3EB42-0AA0	11875.-
		25	3VJ1092-3DB32-0AA0	8955.-	3VJ1092-3EB42-0AA0	11875.-	
		32	3VJ1003-3DB32-0AA0	8955.-	3VJ1003-3EB42-0AA0	11875.-	
		40	3VJ1004-3DB32-0AA0	8955.-	3VJ1004-3EB42-0AA0	11875.-	
		50	3VJ1005-3DB32-0AA0	8955.-	3VJ1005-3EB42-0AA0	11875.-	
		63	3VJ1006-3DB32-0AA0	8955.-	3VJ1006-3EB42-0AA0	11875.-	
		80	3VJ1008-3DB32-0AA0	8955.-	3VJ1008-3EB42-0AA0	11875.-	
		100	3VJ1010-3DB32-0AA0	8955.-	3VJ1010-3EB42-0AA0	11875.-	
		125	3VJ1012-3DB32-0AA0	10215.-	3VJ1012-3EB42-0AA0	13055.-	

Notes:
 Phase barriers are included in the standard MCCB packing
 Std. Pkg. = 1 unit * MRP - Max. Retail Price

Circuit Breakers



3VJ MCCB, Thermal Magnetic Trip Unit, Adjustable Thermal Fixed Magnetic (ATFM), 415VAC, 50Hz

Frame Size	Breaking Capacity @415V AC, 50/60Hz	Rated Current In (A)	3 Pole Type	Unit MRP* ₹	4 Pole Type	Unit MRP* ₹	
3VJ12 (VJ1 250)	25kA	160	3VJ1216-3DB32-0AA0	14360.-	3VJ1216-3EB42-0AA0	17480.-	
		200	3VJ1220-3DB32-0AA0	15505.-	3VJ1220-3EB42-0AA0	19515.-	
		250	3VJ1225-3DB32-0AA0	17450.-	3VJ1225-3EB42-0AA0	22980.-	
3VJ13 (VJ1 400)		320	3VJ1332-3DB32-0AA0	32655.-	3VJ1332-3EB42-0AA0	42055.-	
		400	3VJ1340-3DB32-0AA0	32655.-	3VJ1340-3EB42-0AA0	42055.-	
		3VJ11 (VJ1 125)	16	3VJ1196-5DB32-0AA0	11875.-	3VJ1196-5EB42-0AA0	15685.-
20	3VJ1102-5DB32-0AA0		11875.-	3VJ1102-5EB42-0AA0	15685.-		
25	3VJ1192-5DB32-0AA0		11875.-	3VJ1192-5EB42-0AA0	15685.-		
32	3VJ1103-5DB32-0AA0		11875.-	3VJ1103-5EB42-0AA0	15685.-		
40	3VJ1104-5DB32-0AA0		11875.-	3VJ1104-5EB42-0AA0	15685.-		
50	3VJ1105-5DB32-0AA0		11875.-	3VJ1105-5EB42-0AA0	15685.-		
63	3VJ1106-5DB32-0AA0		11875.-	3VJ1106-5EB42-0AA0	15685.-		
80	3VJ1108-5DB32-0AA0		11875.-	3VJ1108-5EB42-0AA0	15685.-		
100	3VJ1110-5DB32-0AA0		11875.-	3VJ1110-5EB42-0AA0	15685.-		
125	3VJ1112-5DB32-0AA0		13450.-	3VJ1112-5EB42-0AA0	17050.-		
3VJ12 (VJ1 250)	36kA		160	3VJ1216-5DB32-0AA0	16290.-	3VJ1216-5EB42-0AA0	19805.-
			200	3VJ1220-5DB32-0AA0	21085.-	3VJ1220-5EB42-0AA0	27215.-
		250	3VJ1225-5DB32-0AA0	24240.-	3VJ1225-5EB42-0AA0	31190.-	
3VJ13 (VJ1 400)		320	3VJ1332-5DB32-0AA0	33470.-	3VJ1332-5EB42-0AA0	42870.-	
		400	3VJ1340-5DB32-0AA0	33470.-	3VJ1340-5EB42-0AA0	42870.-	
3VJ14 (VJ1 630)		500	3VJ1450-5DB32-0AA0	50210.-	3VJ1450-5EB42-0AA0	64305.-	
		630	3VJ1463-5DB32-0AA0	50210.-	3VJ1463-5EB42-0AA0	64305.-	
3VJ11 (VJ1 125)		55kA	16	3VJ1196-7DB32-0AA0	14345.-	3VJ1196-7EB42-0AA0	18920.-
			20	3VJ1102-7DB32-0AA0	14345.-	3VJ1102-7EB42-0AA0	18920.-
			25	3VJ1192-7DB32-0AA0	14345.-	3VJ1192-7EB42-0AA0	18920.-
			32	3VJ1103-7DB32-0AA0	14345.-	3VJ1103-7EB42-0AA0	18920.-
			40	3VJ1104-7DB32-0AA0	14345.-	3VJ1104-7EB42-0AA0	18920.-
	50		3VJ1105-7DB32-0AA0	14345.-	3VJ1105-7EB42-0AA0	18920.-	
	63		3VJ1106-7DB32-0AA0	14345.-	3VJ1106-7EB42-0AA0	18920.-	
	80		3VJ1108-7DB32-0AA0	14345.-	3VJ1108-7EB42-0AA0	18920.-	
	100		3VJ1110-7DB32-0AA0	14345.-	3VJ1110-7EB42-0AA0	18920.-	
	125		3VJ1112-7DB32-0AA0	15780.-	3VJ1112-7EB42-0AA0	20820.-	
	3VJ12 (VJ1 250)		160	3VJ1216-7DB32-0AA0	18885.-	3VJ1216-7EB42-0AA0	24945.-
			200	3VJ1220-7DB32-0AA0	21720.-	3VJ1220-7EB42-0AA0	28675.-
250		3VJ1225-7DB32-0AA0	24965.-	3VJ1225-7EB42-0AA0	32980.-		
3VJ13 (VJ1 400)	320	3VJ1332-7DB32-0AA0	34290.-	3VJ1332-7EB42-0AA0	44100.-		
	400	3VJ1340-7DB32-0AA0	34290.-	3VJ1340-7EB42-0AA0	44100.-		
3VJ14 (VJ1 630)	500	3VJ1450-7DB32-0AA0	51435.-	3VJ1450-7EB42-0AA0	66145.-		
	630	3VJ1463-7DB32-0AA0	51435.-	3VJ1463-7EB42-0AA0	66145.-		

Notes: Phase barriers are included in the standard MCCB packing

Earth Fault Protection for 3VJ MCCBs

Description	Type	Unit LP* ₹
Earth fault monitoring relay • Auxiliary voltage: 85-270V AC/DC • Change over contact: 2C/O • Width: 35mm module	7UG0861-1BU20	6720.-
CBCT for EFR: Suitable for 3VJ10 up to 125A	3P	7UG09910
	4P	7UG09911
CBCT for EFR: Suitable for 3VJ11 up to 125A	3P	7UG09911
	4P	7UG09911
CBCT for EFR: Suitable for 3VJ12 up to 250A	3P	7UG09912
	4P	7UG09913
CBCT for EFR: Suitable for 3VJ13/14 upto 630A	3P	7UG09915

Earth Leakage Protection for 3VJ MCCBs

Description	Type	Unit LP* ₹
Earth leakage relay 1Ph-2W, 3Ph-3W, 3Ph-4W	110VAC	7UG0841-1CB20
	230VAC	7UG0842-1CD20
CBCT for ELR	35 mm dia	7UG0996
	70 mm dia	7UG0997
	120 mm dia	7UG0999
	210 mm dia	7UG0994
	310 mm dia	7UG0995

Note: Order 1 no of shunt trip for MCCB separately along with earth fault relay / earth leakage relay

Std. Pkg. = 1 unit

* MRP - Max. Retail Price

LP = List Price

3VJ Internal accessories

Frame Size	Accessory compartment/ Coil voltage	3VJ10 (VJ1 125X)	Unit MRP* ₹	3VJ11 (VJ1 125)	Unit MRP* ₹	3VJ12 (VJ1 250)	Unit MRP* ₹	3VJ13/14 (VJ1 400/630)	Unit MRP* ₹
Auxiliary Switches (AUX)	Left	3VJ9018-0AN11	1780.-	3VJ9218-0AN11	1835.-	3VJ9218-0AN11	1835.-	3VJ9417-0AN11	1995.-
	Right	-	-	3VJ9218-0AN21	1835.-	3VJ9218-0AN21	1835.-	3VJ9417-0AN21	1995.-
Alarm Switches (AL)	Left	3VJ9018-0AA11	1780.-	3VJ9118-0AA11	1780.-	3VJ9218-0AA11	1835.-	3VJ9417-0AA11	1995.-
	Right	-	-	3VJ9118-0AA21	1780.-	3VJ9218-0AA21	1835.-	3VJ9417-0AA21	1995.-
Auxiliary + Alarm Switches (AUX+AL)	Left	3VJ9018-0AD11	2885.-	3VJ9118-0AD11	2885.-	3VJ9218-0AD11	3025.-	3VJ9417-0AD11	3435.-
	Right	-	-	3VJ9118-0AD21	2885.-	3VJ9218-0AD21	3025.-	3VJ9417-0AD21	3435.-
Shunt Trip (Right) (ST)	24V DC	-	-	3VJ9218-0ST11	3670.-	3VJ9218-0ST11	3670.-	-	-
	24V AC/DC	-	-	-	-	-	-	3VJ9417-0ST21	4125.-
	48V DC	-	-	3VJ9218-0ST12	3670.-	3VJ9218-0ST12	3670.-	-	-
	48V AC/DC	-	-	-	-	-	-	3VJ9417-0ST22	4125.-
	110V DC	3VJ9018-0ST15	2670.-	3VJ9218-0ST15	3670.-	3VJ9218-0ST15	3670.-	-	-
	110V AC/DC	-	-	-	-	-	-	3VJ9417-0ST25	4125.-
	110V AC	3VJ9018-0ST35	2670.-	3VJ9218-0ST35	3810.-	3VJ9218-0ST35	3810.-	-	-
	220V AC	3VJ9018-0ST36	2895.-	3VJ9218-0ST36	3935.-	3VJ9218-0ST36	3935.-	3VJ9417-0ST36	4540.-
415V AC	3VJ9018-0ST37	2895.-	3VJ9218-0ST37	3935.-	3VJ9218-0ST37	3935.-	3VJ9417-0ST37	4540.-	
Undervoltage Release (Left) (UVR)	24V DC	-	-	3VJ9218-0UV11	5255.-	3VJ9218-0UV11	5255.-	-	-
	48V DC	-	-	3VJ9218-0UV12	5255.-	3VJ9218-0UV12	5255.-	-	-
	220V AC	-	-	3VJ9218-0UV36	5520.-	3VJ9218-0UV36	5520.-	3VJ9417-0UV36	13760.-
	415V AC	-	-	3VJ9218-0UV37	5905.-	3VJ9218-0UV37	5905.-	3VJ9417-0UV37	13760.-

Internal accessories are available for 2P, 3P & 4P 3VJ MCCBs

3VJ External accessories

Frame Size	No. of poles	3VJ10 (VJ1 125X)	Unit MRP* ₹	3VJ11 (VJ1 125)	Unit MRP* ₹	3VJ12 (VJ1 250)	Unit MRP* ₹	3VJ13 (VJ1 400)	Unit MRP* ₹	3VJ14 (VJ1 630)	Unit MRP* ₹
Extended Door Mounted Rotary Operator (including 8UC handle)@	-	3VJ9018-0HD11	2740.-	3VJ9118-0HD11	2950.-	3VJ9218-0HD11	3450.-	3VJ9417-0HD11	4560.-	3VJ9417-0HD11	4560.-
Spreader Links^	2P	3VJ9012-0ED00	235.-	3VJ9112-0ED00	260.-	3VJ9212-0ED00	790.-	-	-	-	-
	3P	3VJ9013-0ED00	400.-	3VJ9113-0ED00	420.-	3VJ9213-0ED00	1280.-	3VJ9313-0ED00	2235.-	3VJ9413-0ED00	2805.-
	4P	3VJ9014-0ED00	520.-	3VJ9114-0ED00	545.-	3VJ9214-0ED00	1670.-	3VJ9314-0ED00	3150.-	3VJ9414-0ED00	3965.-
Phase Barriers*		3VJ9018-0CA00	185.-	3VJ9218-0CA00	290.-	3VJ9218-0CA00	290.-	3VJ9417-0CA00	330.-	3VJ9417-0CA00	330.-
Front Barriers\$	2P/3P	3VJ9016-0CJ30	425.-	3VJ9116-0CJ30	505.-	3VJ9216-0CJ30	725.-	3VJ9413-0CJ30	945.-	3VJ9413-0CJ30	945.-
	4P	3VJ9014-0CJ40	595.-	3VJ9114-0CJ40	640.-	3VJ9214-0CJ40	845.-	3VJ9414-0CJ40	1165.-	3VJ9414-0CJ40	1165.-
Toggle handle extension	-	-	-	-	-	-	-	3VJ9417-0DH10	750.-	3VJ9417-0DH10	750.-
Interlocking (for MCCBs with 8UC handles) - Castell interlock kit	-	8UC60701YQ..	6795.-	8UC60701YQ..	6795.-	8UC60701YQ..	6795.-	8UC60702YQ..	6975.-	8UC60702YQ..	6975.-
SS Enclosures	2P/3P	3VJ9016-0DE11	2970.-	3VJ9116-0DE11	2970.-	3VJ9216-0DE12	6515.-	-	-	-	-
	4P	3VJ9014-0DE11	2970.-	3VJ9114-0DE11	2970.-	3VJ9214-0DE12	6515.-	-	-	-	-
Padlock on MCCB Dolly/Knob	-	-	-	3VJ9118-0LM10	1190.-	3VJ9218-0LM10	1190.-	3VJ9317-0LM10	2885.-	3VJ9317-0LM10	2885.-
Mechanical Interlocking Devices (Front sliding bar type)	3P	-	-	3VJ9116-0VM10	3250.-	3VJ9216-0VM10	6340.-	3VJ9313-0VM10	12360.-	3VJ9313-0VM10	12360.-
	4P	-	-	3VJ9114-0VM10	3390.-	3VJ9214-0VM10	7485.-	3VJ9314-0VM10	16530.-	3VJ9314-0VM10	16530.-

Notes:

@ 1 set contains rotary mechanism, coupler, shaft & 8UC handle.

^ Spreader link 1 set = 2 nos. links in case of 2 pole; 3 nos. links in case of 3 pole; 4 nos. links in case of 4 pole.

Available as a spare; 1 set contains 2 phase barriers

\$ 1 set contains 2 front barriers (top & bottom)

Toggle handle extension is included in the standard packing of 3VJ13 & 3VJ14 MCCBs.

2P/3P SS enclosures provide inbuilt neutral link for TPN system

Padlocking devices can be used for locking MCCB in Off position

Mechanical interlocking devices can not be used along with the rotary operators

Std. Pkg. = 1 unit

* MRP - Max. Retail Price



SENTRON

Transfer control devices

3KC ATC6300 & 6500

- Suitable for Utility to DG, Utility to Utility and DG to DG changeover in combination with motorized breakers
- Automatic Load management and control of tie breaker (with ATC 6500 only)
- Communication capable via expansion modules on Modbus TCP or MODBUS RTU
- Confirms to IEC 60947-6-1
- Plug-in DI/DO expansion modules for additional functionality
- Easy parameterization through Powerconfig
- Ingress protection up to IP65

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SIEMENS

SENTRON Auto transfer controllers

In accordance with IEC 60947-6-1, IEC standard for transfer switching equipments



	3KC ATC 6300	3KC ATC 6500
Display	Yes, LCD	Yes, LCD
Network	Single Phase / 2 Phase or 3 Phase systems (Including 3 Phase – 4 Wire systems)	Single Phase / 2 Phase or 3 Phase systems (Including 3 Phase – 4 Wire systems)
Maximum rated voltage U _e	100-480V AC L-L	100-600V AC L-L
Application type	Utility – Utility Utility - DG DG - DG	Utility – Utility Utility - DG DG - DG
Number of controllable breakers	2	3
Automatic load management (load shedding)	No	Yes
Parameterization	LCD Display USB Front interface ¹⁾ Communication Modules ²⁾	LCD Display USB Front interface ¹⁾ Communication Modules ²⁾
Expansion Modules	Yes, DI/DOs Communication Modules	Yes, DI/DOs Communication Modules
Communication Option	Yes, MODBUS RTU/ MODBUS TCP via expansion modules	Yes, Integrated RS485 Port (MODBUS RTU) MODBUS TCP via expansion module

^{1) 2)} Available as accessory. Parameterization to be done via Powerconfig

Description	Type No	Unit LP* ₹	Std. pkg. (nos.)
Automatic Transfer Controllers			
3KC ATC 6300	3KC9000-8TL40	136585.-	1
3KC ATC 6500	3KC9000-8TL50	POR	1
Accessories Expandable DI /DO Modules (For both ATC 6300 & 6500)			
ATC6 expansion module 4DI	3KC9000-8TL60	POR	1
ATC6 expansion module 4DO, SSR	3KC9000-8TL61	POR	1
ATC6 expansion module 2DI/2DO, SSR	3KC9000-8TL62	POR	1
ATC6 expansion module 2DO, relay	3KC9000-8TL63	POR	1
ATC6 expansion module 2DI/2DO, relay	3KC9000-8TL64	POR	1
Expansion modules with communication interfaces (For both ATC 6300 & 6500)			
ATC6 RS 485 expansion module	3KC9000-8TL74	POR	1
ATC6 Ethernet expansion module	3KC9000-8TL75	POR	1
USB Front interface (For both ATC 6300 & 6500)			
ATC6 USB front interface	3KC9000-8TL73	POR	1
IP 65 Protective Gasket			
For ATC 6300 144 x 144 mm	3KC9000-8TL67	POR	1
For ATC 6500 171 x 131 mm	3KC9000-8TL68	POR	1

POR: Price On Request

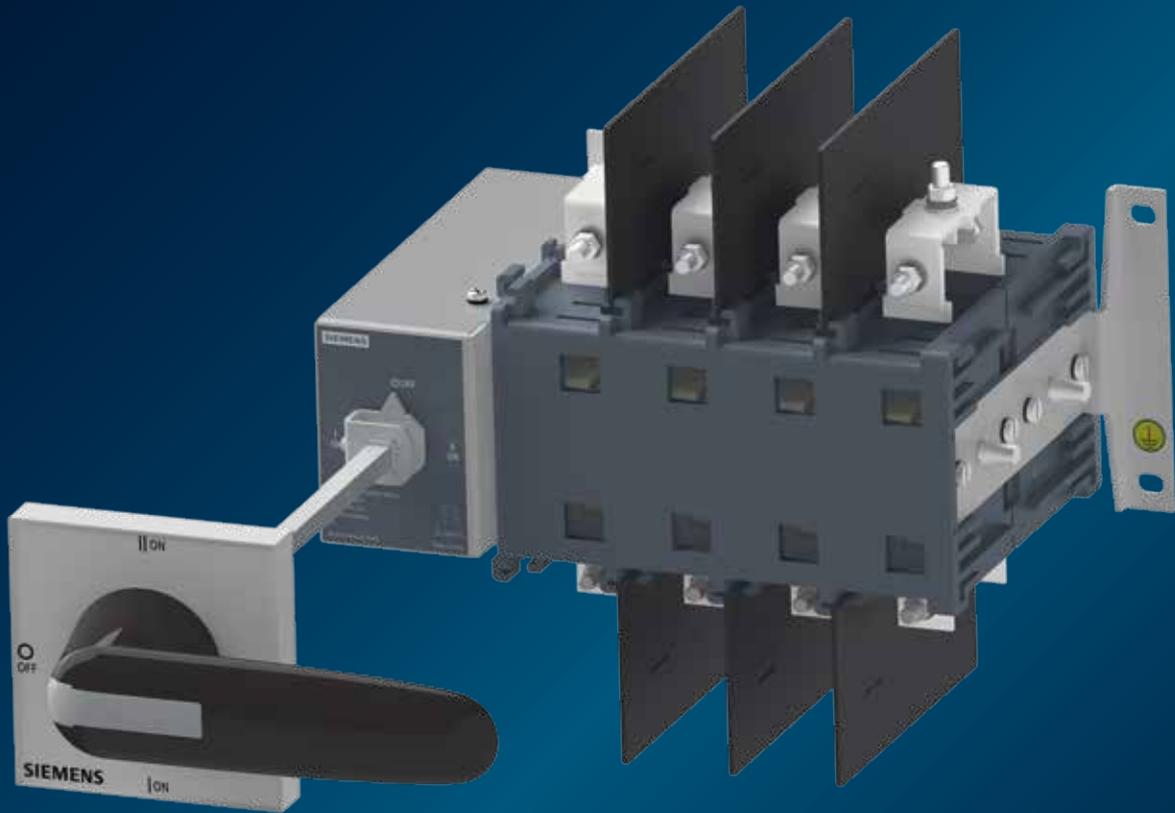
* LP - List Price

Auto Transfer Controllers

Complete Auto changeover solution with SIEMENS circuit breakers

Designed and tested with





SINOVA

On Load Changeover Switches – 3KJ

The Power of **Simplicity**

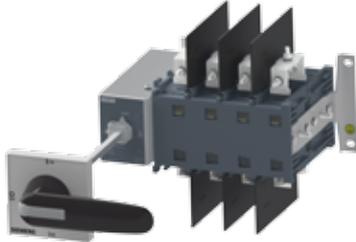
- Compliant with IS/IEC60947-3
- 4-pole modular switches up to 3150A in open and enclosed versions
- Stable I-O-II positions with safe switching
- Suitable for Positive isolation
- Built-in bridging bars and phase barriers
- Wide portfolio of accessories and spares

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SIEMENS

Manual On Load Changeover Switch 3KJ

- 63A to 3150A in 4-pole configuration
- Open and Enclosed execution
- Comply to IS/IEC 60947-3
- Suitable for Positive isolation
- Available in AC-21 / AC-22 / AC-23 @415V 50/60Hz
- Wide portfolio of accessories and spares
- Built-in bridging bars and phase barriers
- Suitable terminals and metallic handles 1000A onwards
- Stable I-O-II positions with safe switching
- Modular range for rating 125A to 3150A



Manual On Load Changeover Switch 3KJ 4-pole, for power distribution

Series	Size	Rated current Ie @415V 50/60Hz	MCOS in Open execution	Unit MRP* ₹	MCOS in Enclosed execution	Unit MRP* ₹	Std.pkg. (nos.)
3KJ1#	1	63	3KJ1126-4AA20-0AA0	7550.-	3KJ1126-4AA20-1AA0	14925.-	1
		100	3KJ1130-4AA20-0AA0	10035.-	3KJ1130-4AA20-1AA0	17535.-	1
3KJ0	1	125	3KJ0132-4AA20-0AA0	15030.-	3KJ0132-4AA20-1AA0	20430.-	1
		160	3KJ0134-4AA20-0AA0	16515.-	3KJ0134-4AA20-1AA0	23395.-	1
	2	200	3KJ0236-4AA20-0AA0	21030.-	3KJ0236-4AA20-1AA0	27060.-	1
		250	3KJ0238-4AA20-0AA0	25740.-	3KJ0238-4AA20-1AA0	33625.-	1
		315	3KJ0240-4AA20-0AA0	33720.-	3KJ0240-4AA20-1AA0	41100.-	1
		400	3KJ0242-4AA20-0AA0	48950.-	3KJ0242-4AA20-1AA0	61105.-	1
	3	630	3KJ0346-4AA20-0AA0	58215.-	3KJ0346-4AA20-1AA0	70355.-	1
		800	3KJ0348-4AA20-0AA0	84440.-	3KJ0348-4AA20-1AA0	101185.-	1
	4	1000	3KJ0450-4AA30-0AA0	159035.-	3KJ0450-4AA30-1AA0	174885.-	1
		1250	3KJ0452-4AA30-0AA0	195995.-	3KJ0452-4AA30-1AA0	225865.-	1
		1600	3KJ0454-4AA30-0AA0	249855.-	3KJ0454-4AA30-1AA0	304615.-	1
	5	2000	3KJ0556-4AA30-0AA0	384625.-	3KJ0556-4AA30-1AA0	419860.-	1
		2500	3KJ0558-4AA30-0AA0	493130.-	3KJ0558-4AA30-1AA0	537235.-	1
		3150	3KJ0560-4AA30-0AA0	634075.-	3KJ0560-4AA30-1AA0	728200.-	1

Notes:

3KJ On Load Changeover Switch is switch disconnecter type

3KJ: Unit MRPs are inclusive of Front drive (Handle), shaft, phase barriers and bridging bars

Non-Modular construction

POR: Price On Request

Refer the operating instruction sheet for complete dimensional details

Std. Pkg. = 1 unit

* MRP - Max. Retail Price

Manual On Load Changeover Switch 3KJ



Auxiliary switch

Gland box

Accessories and spares

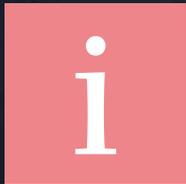
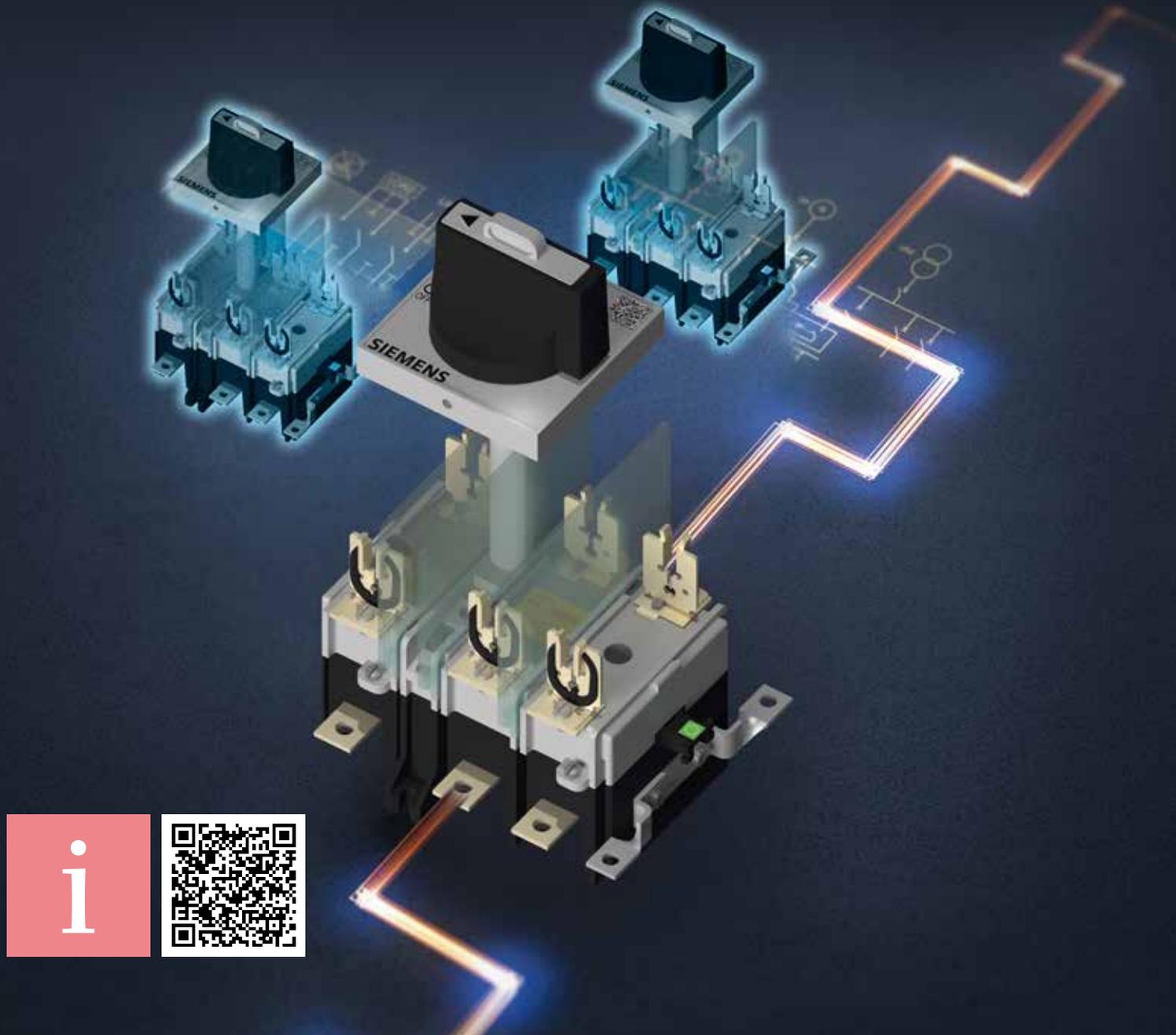
Accessory	Description	3KJ11	Unit MRP* ₹	3KJ01	Unit MRP* ₹	3KJ02	Unit MRP* ₹	Std.pkg. (nos.)
Auxiliary switch ¹⁾	1CO	3KJ9101-1AB00	755.-					1
	2CO	3KJ9101-1AD00	1510.-					1
	1NO+1NC			3KJ9001-1AB00	1960.-	3KJ9001-5AB00	3965.-	1
	2NO+2NC			3KJ9001-1AD00	6825.-	3KJ9001-5AD00	14810.-	1
Gland box ²⁾	With one gland plate			3KJ9013-1MA00	4070.-	3KJ9013-2MB00	9205.-	1
Spare Phase barrier		3KJ9103-1CA00	50.-	3KJ9003-1CA00	70.-	3KJ9003-3CA00	110.-	1
Spare Front drive (Handle)	Plastic	3KJ9106-1FT00	715.-	3KJ9006-2FT00	715.-	3KJ9006-2FT00	715.-	1
Spare Shaft		3KJ9107-1GA00	240.-	3KJ9007-2GA00	240.-	3KJ9007-2GA00	240.-	1
Spare pole ³⁾				125A 3KJ9008-1HC00	POR	200A 3KJ9008-2HE00	POR	1
				160A 3KJ9008-1HD00		250A 3KJ9008-2HF00		1
					315A 3KJ9008-2HG00	1		
					400A 3KJ9008-2HH00	1		
						400A 3KJ9008-2HE00		1
Spare Bridging bar	Load side connection	63A,100A 3KJ9102-1BA00	POR	125A,160A 3KJ9002-1BB00	POR	200A 3KJ9002-2BC00	POR	1
						250A,315A 3KJ9002-2BD00	POR	1
						400A 3KJ9002-2BE00	POR	1
								1

Accessory	Description	3KJ03	Unit MRP* ₹	3KJ04	Unit MRP* ₹	3KJ05	Unit MRP* ₹	Std.pkg. (nos.)
Auxiliary Switch ¹⁾	1NO+1NC	3KJ9001-5AB00	3965.-	3KJ9001-5AB00	3965.-	3KJ9001-5AB00	3965.-	1
	2NO+2NC	3KJ9001-5AD00	14810.-	3KJ9001-5AD00	14810.-	3KJ9001-5AD00	14810.-	1
Gland box ²⁾	With one gland plate	3KJ9013-3MC00	14165.-					1
Spare Phase barrier	Lower side	3KJ9003-3CA00	110.-	3KJ9003-4CA00	400.-			1
	Front side					3KJ9003-5CA10	400.-	1
Spare Front drive (Handle)	Plastic	3KJ9006-3FT00	810.-			3KJ9003-5CA20	435.-	1
	Metallic							1
Spare Shaft		3KJ9007-4GA00	515.-	3KJ9007-4GA00	515.-	3KJ9007-5GA00	515.-	1
		630A 3KJ9008-3HJ00	POR	1000A 3KJ9008-4HL00	POR	2000A 3KJ9008-4HL00	POR	1
Spare pole ³⁾		800A 3KJ9008-3HK00		1250A 3KJ9008-4HM00		2500A 3KJ9008-4HM00		1
	Spare Extended link				1600A 3KJ9008-4HN00		3150A 3KJ9008-4HN00	
				1000A 3KJ9012-4LA00	POR			1
				1250A 3KJ9012-4LB00				1
				1600A 3KJ9012-4LC00				1
Spare Bridging bar	Load side connection	630A 3KJ9002-3BF00	POR	1000A 3KJ9002-4BH00	POR	2000A 3KJ9002-5BL20 3KJ9002-5BL30	POR	1
		800A 3KJ9002-3BG00		1250A 3KJ9002-4BJ00		2500A 3KJ9002-5BM20 3KJ9002-5BM30		1
				1600A 3KJ9002-4BK10 3KJ9002-4BK20		3150A 3KJ9002-5BN30 3KJ9002-5BN40 3KJ9002-5BN50		1
	Line side connection					2000A 3KJ9002-5BL10		1
						2500A 3KJ9002-5BM10		1
						3150A 3KJ9002-5BN10 3KJ9002-5BN20		1

Notes:
 1) Accessory - Auxiliary switch includes 2units. One each for position I and II
 2) Accessory - Gland box is to be used with enclosed switches
 3) Spare pole: For ratings 2000A, 2500A and 3150A. Use 2units of 1000A, 1250A and 1600A
 POR: Price On Request

Std. Pkg. = 1 unit * MRP - Max. Retail Price

Load Break Switches



SUPERSWITCH

Switch Disconnect Fuse - **3KL8**

Safe. Reliable. Efficient.

- Compliant with IS/ IEC 60947-3
- 2-pole to 4-pole versions up to 800A at 690V AC
- COMPACT 2-pole and TRUE 4-pole versions
- DIN/ BS/ Cylindrical fuse type versions
- With Enclosure option
- AC-23A for the complete range
- Type 2 co-ordination chart for DOL and Star Delta feeders

www.siemens.co.in/superswitch3k

SIEMENS

Superswitch 3KL8

- Wide range : Up to 800A in SDF and 1600A in SD
- Available in 2P,3P,3PN & 4P variants
- Suitable for isolation as per IS/IEC 60947-3
- Unique positive off indication
- Suitable for AC23A Duty @ 690V AC, 50Hz
- Roller contacts with high operating life
- IP65 handle with door interlock
- Wide range of accessories
- Suitable for power distribution as well as motor protection



Switch disconnecter fuse: 3KL8 4-pole, for power distribution (in Open Execution)

Rated current I _e @690V 50Hz	SDF suitable for DIN type HRC fuses	Unit MRP* ₹	SDF suitable for BS type HRC fuses	Unit MRP* ₹	SDF suitable for Cylindrical type HRC fuses	Unit MRP* ₹	Std. pkg. (nos.)
20A	3KL8111-4TA00	3940.-	3KL8111-4TJ00	4005.-	3KL8111-4TC00	4090.-	1
32A	3KL8121-4TA00	4075.-	3KL8121-4TJ00	4390.-	3KL8121-4TC00	4420.-	1
63A	3KL8151-4TA00	5485.-	3KL8151-4TJ00	5565.-	3KL8151-4TC00	5790.-	1
100A	3KL8171-4TA00	8235.-	-	-	-	-	1
100A	3KL8211-4TA00	11830.-	3KL8211-4TJ00	12900.-	-	-	1
125A	3KL8221-4TA00	14495.-	3KL8221-4TJ00	15360.-	-	-	1
160A	3KL8231-4TA00	16095.-	3KL8231-4TJ00	18665.-	-	-	1
200A	3KL8311-4UA00	23090.-	3KL8311-4UJ00	24240.-	-	-	1
250A	3KL8321-4UA00	26905.-	3KL8321-4UJ00	28730.-	-	-	1
315A	3KL8331-4UA00	32380.-	3KL8331-4UJ00	35450.-	-	-	1
400A	3KL8341-4UA00	35630.-	3KL8341-4UJ00	40955.-	-	-	1
500A	3KL8411-4UA00	57870.-	3KL8411-4UJ00	66010.-	-	-	1
630A	3KL8421-4UA00	59995.-	3KL8421-4UJ00	68395.-	-	-	1
800A [§]	3KL8431-4UA00	70915.-	3KL8431-4UJ00	74110.-	-	-	1

Switch disconnecter fuse:3KL8 3PN for power distribution and motor protection (Open Execution)

Rated current I _e @690V 50Hz	SDF suitable for DIN type HRC fuses	Unit MRP* ₹	SDF suitable for BS type HRC fuses	Unit MRP* ₹	SDF suitable for Cylindrical type HRC fuses	Unit MRP* ₹	Std. pkg. (nos.)
20A	3KL8111-5TA00	3500.-	3KL8111-5TJ00	3510.-	3KL8111-5TC00	3525.-	1
32A	3KL8121-5TA00	3555.-	3KL8121-5TJ00	3575.-	3KL8121-5TC00	3605.-	1
63A	3KL8151-5TA00	4770.-	3KL8151-5TJ00	4870.-	3KL8151-5TC00	4915.-	1
100A	3KL8171-5TA00	6830.-	-	-	-	-	1
100A	3KL8211-5TA00	9515.-	3KL8211-5TJ00	9600.-	-	-	1
125A	3KL8221-5TA00	12245.-	3KL8221-5TJ00	12300.-	-	-	1
160A	3KL8231-5TA00	13105.-	3KL8231-5TJ00	13165.-	-	-	1
200A	3KL8311-5UA00	17985.-	3KL8311-5UJ00	18525.-	-	-	1
250A	3KL8321-5UA00	20430.-	3KL8321-5UJ00	20985.-	-	-	1
315A	3KL8331-5UA00	24325.-	3KL8331-5UJ00	24735.-	-	-	1
400A	3KL8341-5UA00	29315.-	3KL8341-5UJ00	29750.-	-	-	1
500A	3KL8411-5UA00	47150.-	3KL8411-5UJ00	48235.-	-	-	1
630A	3KL8421-5UA00	49660.-	3KL8421-5UJ00	52240.-	-	-	1
800A [§]	3KL8431-5UA00	52955.-	3KL8431-5UJ00	56605.-	-	-	1

Switch disconnecter fuse: 3KL8 3-pole, for motor protection (in Open Execution)

Rated current I _e @ 690V 50Hz	SDF suitable for DIN type HRC Fuses	Unit MRP* ₹	Std. pkg. (nos.)
20A	3KL8111-1TA00	3395.-	1
32A	3KL8121-1TA00	3460.-	1
63A	3KL8151-1TA00	4695.-	1
100A	3KL8211-1TA00	9345.-	1
125A	3KL8221-1TA00	11880.-	1
160A	3KL8231-1TA00	12840.-	1
200A	3KL8311-1UA00	17425.-	1
250A	3KL8321-1UA00	20320.-	1
315A	3KL8331-1UA00	23960.-	1
400A	3KL8341-1UA00	28850.-	1
500A	3KL8411-1UA00	46430.-	1
630A	3KL8421-1UA00	49350.-	1
800A [§]	3KL8431-1UA00	52625.-	1



§ 3KL8431 (800A): 710A with fuse cover

Notes:

2P = 2-pole; 3P = 3-pole; 3PN = 3-pole with neutral link; 4P = 4-pole

3KL8: Unit MRPs are without fuses

3KL8: Unit MRPs are inclusive of Front drive (Handle) and phase barriers

Please scan the QR code for brochure and Operation manual (OM)

Refer the OM for changes in dimension

Std. Pkg. = 1 unit

* MRP - Maximum Retail Price

Superswitch 3KL8

Switch disconnecter fuse: 3KL8 2-pole (Open Execution)

Rated current I _e @690V 50Hz	SDF suitable for DIN type HRC fuses	Unit MRP* ₹	SDF suitable for BS type HRC fuses	Unit MRP* ₹	SDF suitable for Cylindrical type HRC fuses	Unit MRP* ₹	Std. pkg. (nos.)
20A [®]	3KL8111-2TA00	3165.-	-	-	3KL8111-2TC00	3225.-	1
32A [®]	3KL8121-2TA00	3225.-	-	-	3KL8121-2TC00	3365.-	1
63A [®]	3KL8151-2TA00	4195.-	-	-	3KL8151-2TC00	4235.-	1
100A [®]	3KL8171-2TA00	6490.-	-	-	-	-	1
100A	3KL8211-2TA00	8935.-	3KL8211-2TJ00	9140.-	-	-	1
125A	3KL8221-2TA00	10355.-	3KL8221-2TJ00	11280.-	-	-	1
160A	3KL8231-2TA00	10770.-	3KL8231-2TJ00	12150.-	-	-	1
200A	3KL8311-2UA00	15650.-	3KL8311-2UJ00	17105.-	-	-	1
250A	3KL8321-2UA00	17045.-	3KL8321-2UJ00	18890.-	-	-	1
315A	3KL8331-2UA00	20740.-	3KL8331-2UJ00	22005.-	-	-	1
400A	3KL8341-2UA00	24710.-	3KL8341-2UJ00	25975.-	-	-	1
500A	3KL8411-2UA00	39020.-	3KL8411-2UJ00	45430.-	-	-	1
630A	3KL8421-2UA00	39910.-	3KL8421-2UJ00	46095.-	-	-	1
800A [§]	3KL8431-2UA00	51915.-	3KL8431-2UJ00	52085.-	-	-	1



Switch disconnecter fuse in SS[^] Enclosure (factory fitted)[>]

Rated current I _e @690V 50Hz	Suitable fuse type	3PN	Unit MRP* ₹	4P	Unit MRP* ₹	Std. pkg. (nos.)
20A	DIN	3KL8111-5TA10	7315.-	3KL8111-4TA10	8430.-	1
	BS	3KL8111-5TJ10	7375.-	3KL8111-4TJ10	8445.-	1
	CYL	3KL8111-5TC10	7420.-	3KL8111-4TC10	8520.-	1
32A	DIN	3KL8121-5TA10	7825.-	3KL8121-4TA10	8695.-	1
	BS	3KL8121-5TJ10	7850.-	3KL8121-4TJ10	8795.-	1
	CYL	3KL8121-5TC10	7885.-	3KL8121-4TC10	8825.-	1
63A	DIN	3KL8151-5TA10	8690.-	3KL8151-4TA10	10255.-	1
	BS	3KL8151-5TJ10	8720.-	3KL8151-4TJ10	10510.-	1
	CYL	3KL8151-5TC10	8790.-	3KL8151-4TC10	10545.-	1
100A	DIN	3KL8211-5TA10	13930.-	3KL8211-4TA10	16515.-	1
	BS	3KL8211-5TJ10	14340.-	3KL8211-4TJ10	16680.-	1
125A	DIN	3KL8221-5TA10	16510.-	3KL8221-4TA10	19885.-	1
	BS	3KL8221-5TJ10	16630.-	3KL8221-4TJ10	20515.-	1
160A	DIN	3KL8231-5TA10	17715.-	3KL8231-4TA10	21865.-	1
	BS	3KL8231-5TJ10	17850.-	3KL8231-4TJ10	22010.-	1
200A	DIN	3KL8311-5UA10	25540.-	3KL8311-4UA10	35695.-	1
	BS	3KL8311-5UJ10	25740.-	3KL8311-4UJ10	36515.-	1
250A	DIN	3KL8321-5UA10	28960.-	3KL8321-4UA10	38010.-	1
	BS	3KL8321-5UJ10	29160.-	3KL8321-4UJ10	38275.-	1
315A	DIN	3KL8331-5UA10	34445.-	3KL8331-4UA10	45240.-	1
	BS	3KL8331-5UJ10	34635.-	3KL8331-4UJ10	45465.-	1
400A	DIN	3KL8341-5UA10	39730.-	3KL8341-4UA10	50725.-	1
	BS	3KL8341-5UJ10	40240.-	3KL8341-4UJ10	50940.-	1
500A	DIN	3KL8411-5UA10	59170.-	3KL8411-4UA10	74605.-	1
	BS	3KL8411-5UJ10	59345.-	3KL8411-4UJ10	75410.-	1
630A	DIN	3KL8421-5UA10	62290.-	3KL8421-4UA10	79225.-	1
	BS	3KL8421-5UJ10	62470.-	3KL8421-4UJ10	79460.-	1
800A [§]	DIN	3KL8431-5UA10	66870.-	3KL8431-4UA10	85055.-	1
	BS	3KL8431-5UJ10	67045.-	3KL8431-4UJ10	85275.-	1



Load Break Switches

SS[^] Enclosure for 3KL8/ 3KA8

Rated current I _e @690V 50Hz	Enclosure type	Unit MRP* ₹	Std. pkg. (nos.)
20A-160A	3KX8235-4AC	5370.-	1
200A-400A	3KX8345-4AC	7145.-	1
500A-800A	3KX8435-4AC ¹⁾	11715.-	1
200A-800A	3KX8435-4AG ^{#2)}	20115.-	1

[^] SS stands for Sheet Steel

[#] Enclosure for 4-pole SDF / SD type 3KL83/4 & 3KA83/4

1) SD (except 4-pole) type 3KA84 (630A-1600A), recommended to be used along with gland box 3KX84354DC (2nos.)

2) SD (4-pole only) type 3KA84 (630A-1600A), recommended to be used along with gland box 3KX84354DG (2nos.)

Std. Pkg. = 1 unit * MRP - Maximum Retail Price

@ In 3P housing

[^] SS stands for Sheet Steel

[>] 3KL8 in SS Enclosure: Includes 3KL8 SDF without fuses, SS Enclosure, front drive (Handle) and phase barriers

[§] 3KL8431 (800A): 710A with fuse cover

Notes:

2P = 2-pole; 3P = 3-pole; 3PN = 3-pole with neutral link; 4P = 4-pole

3KL8: Unit MRPs are without fuses

3KL8: Unit MRPs are inclusive of Front drive (Handle) and phase barriers

Refer the brochure for fuse selection guide

Refer the OM for changes in dimension

The Enclosures are open at both top and bottom, Kindly order separate gland plates. Refer Accessories for Superswitch 3KL8/3KA8

Superswitch 3KA8



Switch Disconnecter: 3KA8 for power distribution (in Open Execution)

Rated current I _n @690V 50Hz	2P	Unit MRP* ₹	3PN	Unit MRP* ₹	4P	Unit MRP* ₹	Std. pkg. (nos.)
63A	3KA8151-2TE00 ⁹	3550.-	3KA8151-5TE00	4280.-	3KA8151-4TE00	6090.-	1
100A	-	-	3KA8171-5TE00	6660.-	3KA8171-4TE00	12250.-	1
100A	3KA8211-2TE00	6215.-	3KA8211-5TE00	8470.-	3KA8211-4TE00	14165.-	1
125A	3KA8221-2TE00	7800.-	3KA8221-5TE00	9725.-	3KA8221-4TE00	15215.-	1
160A	3KA8231-2TE00	10395.-	3KA8231-5TE00	12655.-	3KA8231-4TE00	19170.-	1
200A	3KA8311-2UE00	13220.-	3KA8311-5UE00	16340.-	3KA8311-4UE00	22245.-	1
250A	3KA8321-2UE00	14465.-	3KA8321-5UE00	17255.-	3KA8321-4UE00	27325.-	1
400A	3KA8341-2UE00	20065.-	3KA8341-5UE00	25515.-	3KA8341-4UE00	37245.-	1
630A ⁵	3KA842□-2UE00	32185.-	3KA842□-5UE00	40500.-	3KA842□-4UE00	53315.-	1
800A ⁵	3KA843□-2UE00	33585.-	3KA843□-5UE00	41795.-	3KA843□-4UE00	61180.-	1
1000A ⁵	3KA844□-2UE00	44940.-	3KA844□-5UE00	60035.-	3KA844□-4UE00	75390.-	1
1250A ⁵	3KA845□-2UE00	59090.-	3KA845□-5UE00	77880.-	3KA845□-4UE00	90630.-	1
1600A ⁵	3KA846□-2UE00	68150.-	3KA846□-5UE00	86195.-	3KA846□-4UE00	122065.-	1

□ - 2: Top Incoming
□ - 3: Bottom Incoming

@ In 3P housing

\$ Utilization category AC21A @690V AC (1600A: @500V AC)

Notes:

2P = 2-pole; 3P = 3-pole; 3PN = 3-pole with neutral link; 4P = 4-pole

3KA8: Unit MRPs are inclusive of Front drive (Handle)

Please scan the QR code for Catalog and Operating instruction sheets (OIS)

Refer the OIS for changes in dimension

Accessories for Superswitch 3KL8 / 3KA8

Description	Pole	Fuse type	3KL81 11/21/51/71 3KA81 51/71	Unit MRP* ₹	3KL82 11/21/31 3KA82 11/21/31	Unit MRP* ₹	3KL83 11/21/31/41 3KA83 11/21/41	Unit MRP* ₹	3KL84 11/21/31 3KA84 2/3/4/5/6	Unit MRP* ₹	Std. pkg. (nos.)				
Fuse cover ²⁾	2P	DIN	3KX8150-0AE ⁵⁾	350.-	3KX8230-0JF	855.-	3KX8340-0AF	1255.-	3KX8430-0JF	1775.-	1				
		BS			3KX8230-0HF	855.-			3KX8430-0HF	1775.-	1				
	3P	DIN			3KX8230-0JE	855.-			3KX8340-0AE	1255.-	3KX8430-0JE	1775.-	1		
		BS			3KX8230-0HE	855.-					3KX8430-0HE	1775.-	1		
	4P	DIN			3KX8230-0JG	855.-					3KX8340-0AG	1255.-	3KX8430-0JG	1775.-	1
		BS			3KX8230-0HG	855.-							3KX8430-0HG	1775.-	1
Terminal cover (1set = 2pieces)	2P	-	3KX8151-0AE	175.-	3KX8231-0AF	725.-	3KX8341-0AF	1370.-					3KX8431-0AF	1605.-	1
	3P	-			3KX8231-0AE	725.-	3KX8341-0AE	1370.-					3KX8431-0AE	1605.-	1
	4P	-	3KX8151-0AG	630.-	3KX8231-0AG	725.-	3KX8341-0AG	1370.-	3KX8431-0AG	1605.-			1		
Phase barrier	-	DIN/ BS/ Cylindrical	3KX8153-0AE	70.-	3KX8153-0AE (DIN)	70.-	3KX8343-0AE	220.-	3KX8433-0AE	330.-			1		
					3KX8233-0JE (BS)	70.-					1				
Fuse cover phase barrier kit ³⁾			-	-	-	-	3KX8340-9AE	700.-	3KX8440-9AE	700.-	1				
Auxiliary switch (1NO+1NC)			3SB5400-0A* ⁶	265.-	3KX3522-1YC	1055.-	3KX3552-1YC	1270.-	3KX3582-1YC	1535.-	1				
Auxiliary switch (2NO+2NC)			-	-	3KX3522-1YD	1900.-	3KX3552-1YD	2745.-	3KX3582-1YD	2965.-	1				
Auxiliary switch cover			3KX8154-0AC	120.-	3KX8234-0AC	120.-	-	-	-	-	1				
Front drive (Handle)			8UC6114-1BB00	1300.-	8UC6214-1BB00	1470.-	8UC6314-1BB00	2220.-	8UC6414-1BB00	3245.-	1				
Operating shaft (300mm)			8UC60-31	360.-	8UC60-32	435.-	8UC60-34	845.-	8UC60-34	845.-	1				
Castell interlock ¹⁾			8UC6070-0YQ..	6795.-	8UC6070-1YQ..	6795.-	8UC6070-2YQ..	6975.-	8UC6070-2YQ..	6975.-	1				
Depth setting template			8UC6046-2	75.-	8UC6046-2	75.-	8UC6046-2	75.-	8UC6046-2	75.-	1				
Fuse Monitor with auxiliary switch ⁴⁾ (1NO+1NC)			3RV1611-0BD10	11000.-	3RV1611-0BD10	11000.-	3RV1611-0BD10	11000.-	3RV1611-0BD10	11000.-	1				
			3RV2901-1E	1450.-	3RV2901-1E	1450.-	3RV2901-1E	1450.-	3RV2901-1E	1450.-	1				
Fuse safety barrier			3KX8150-1AC	185.-	3KX8230-1AC	240.-	-	-	-	-	1				
Gland box with gland plate (1no.)			3KX8235-4DC	6225.-	3KX8235-4DC	6225.-	3KX8345-4DC	8595.-	3KX8435-4DC	13095.-	1				
									3KX8435-4DG ⁴⁾	21425.-	1				
Gland plate			3KX8235-4GC	1320.-	3KX8235-4GC	1320.-	3KX8345-4GC	1715.-	3KX8435-4GC	1900.-	1				
									3KX8435-4GG ⁴⁾	1920.-	1				

1) The 11th and 12th place of the type reference will indicate the alphabet type of lock & key. Combinations available are A, B, C, D, A-, -B, -C, AB, AC. 11th place will be A, B, C, D for castell lock type A, B, C, D respectively. 11th and 12 place will be A0, OB, OC, AB, AC for castell lock type A-, -B, -C, AB, AC respectively.

2) Additionally order: Phase barrier 2nos. with Fuse cover for 20A-160A SDF and "Fuse cover phase barrier kit" with Fuse cover for 200A - 800A SDF

3) Mandatory accessory to be ordered with fuse cover for 200A - 800A SDF

4) Accessory for 4-pole SDF with enclosure type 3KL83 & 3KL84 and SS enclosure type 3KX8435-4AG

5) Also, suitable for SDF with cylindrical type HRC fuses

Note: The above accessories e.g. Fuse Cover, Terminal Cover, Phase barrier, Fuse cover phase barrier kit & Front Drive (handle) are unique (different) and not to be used along with MLFB 3KL8...-3.A00, 3KL8...-3.J00, 3KL8...-3.C00

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SIEPAN 8PU Low Voltage Switchboards



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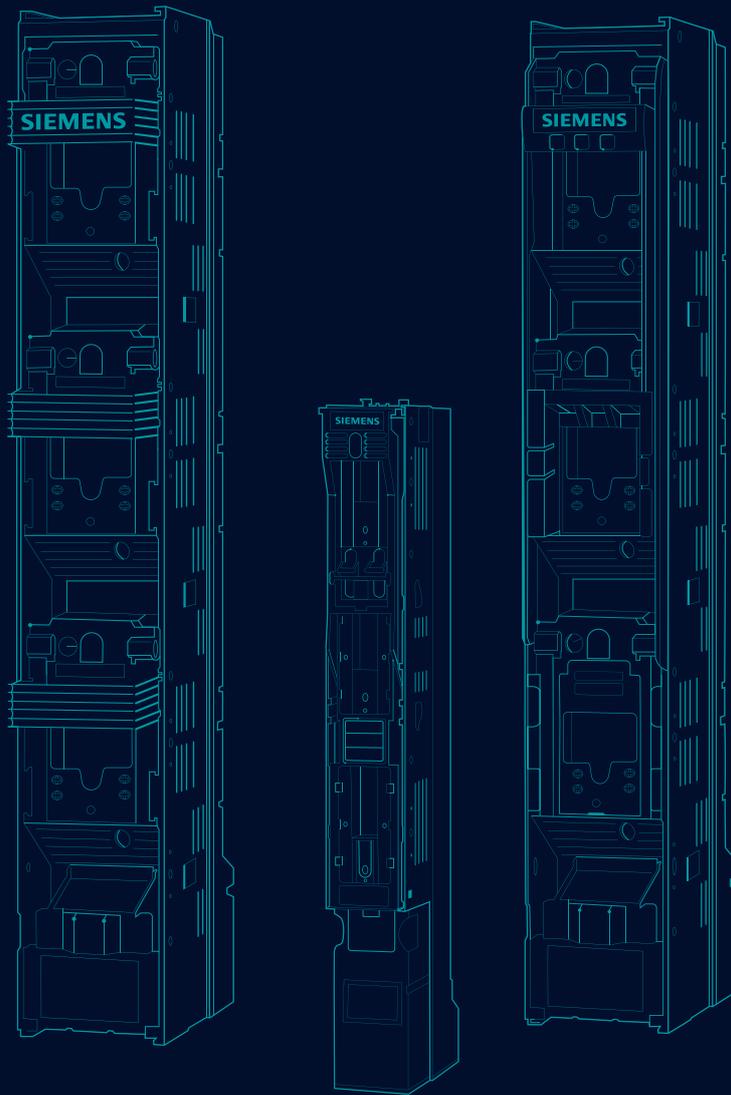
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3NJ4 Fuse Switch Disconnectors

Safe. Flexible. Efficient

Product Features:

- Compliant with IEC/EN 60439-1, IEC/EN 60947-3
- Rated operational current: 160A to 630A
- Operating voltage up to 690 VAC
- 1-pole or 3-pole switchable
- Maximum safety and minimized mounting width
- Fuse visible Disconnection
- Contactless fuse removal
- Vertical /Direct mounting on busbars
- Cable connection from top and bottom

Applications:

- Feeder Pillar
- Compact Substation
- Control Panels – Automotive Industry
- Smart Pole Applications
- Lighting Distribution Boards (LDB)
- Power Distribution Boards (PDB)

SIEMENS

3NJ4 Fuse Switch Disconnectors

Safe. Flexible. Efficient



Overview :

- Operating Voltage up to 690 VAC
- Rated operational current : 160A to 630A
- 1-pole or 3-pole switchable
- Busbar mounting 185 mm center to center spacing
- Suitable for fuse links NH000, NH00, NH1, NH2, NH3 and 3NA COM Fuse

3NJ4 Fuse Switch Disconnectors

Rated Current (A)	Switchable poles	Busbar center-to-center spacing	Fuse size (DIN type HRC fuse)	Connection	Type	Unit LP* ₹
160	1	185mm	NH00/NH000	M8 flat terminal	3NJ4101-3BF01-ORCO	POR
	3				3NJ4103-3BF01-ORCO	
250	1		NH1	M10 flat terminal	3NJ4121-3BF01-ORCO	
	3				3NJ4123-3BF01-ORCO	
400	1		NH1, NH2	M12 flat terminal	3NJ4131-3BF01-ORCO	
	3				3NJ4133-3BF01-ORCO	
630	1		NH2, NH3	M12 flat terminal	3NJ4141-3BF01-ORCO	
	3				3NJ4143-3BF01-ORCO	

Accessories for fuse switch disconnector 3NJ4



Busbar connection assembly kits for NH2 and NH3

With flat terminals

Screws	Conductor cross section	Type	Unit LP* ₹
M12	2 x 240mm ²	3NJ4911-5AA00-ORCO*	POR
	2 x 300 mm ² / 3 x 120 mm ²	3NJ4911-5BA00-ORCO*	
M16	1 x 400 mm ²	3NJ4911-5CA00-ORCO*	



Covers

Additional touch protection when using cable lugs and as spacer

Size	Busbar center-to-center spacing	Type	Unit LP* ₹
NH1 ... NH3	Connection for top and bottom	3NJ4912-1AA01-ORCO*	POR



Busbar terminals

Not for devices with transformer installation

Version	Type	Unit LP* ₹
For more rapid mounting of the switch disconnectors onto the busbars (1 set = 3 units)	3NJ4911-3BA01-ORCO*	POR



Auxiliary switch mounting kits

For 3-pole switchable switch disconnectors only

Version	Contacts	Type	Unit LP* ₹
For NH00 ... NH3 with connecting cables	1 CO	3NJ4913-1AA01-ORCO^	POR

* Applicable to 3NJ412, 3NJ413, 3NJ414

^ Applicable to 3NJ4101, 3NJ412, 3NJ413, 3NJ414

POR: Price On Request

Std. Pkg. = 1 unit

* LP - List Price



SENTRON

Fuse Switch Disconnectors - **3NP1**

End to end safety for user and systems

- Compliant with IEC 60947-1 and IEC 60947-3
- 1-pole to 4-pole versions up to 630A at 1000V AC/ DC
- Fuse and Voltage monitoring
- 40/ 60mm busbar mounting option
- Selection chart with SITOR fuses

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SIEMENS

SETRON 3NP1 Fuse Switch Disconnectors up to 630A

Reliable safety of personnel and systems

Overview:

- Available in five frame sizes from 100 to 630 A
- Optional for use of fuse links in LV HRC design
- 1-, 2-, 3- and 4-pole switchable

Application:

- Can be used in main and auxiliary circuits
- For non-routine switching
- VFD/ Soft Starter/ Capacitor panels

Benefits:

- Fuse puller is not required
- Mounting flexibility: Base / DIN / busbar
- AC20 / DC20 1000V

3NP1 with Floor mounting

3NP1 without fuse monitoring

Rated current (A)	3NP1 size	DIN fuse size	Terminals type	Poles ⁴⁾	Type	Unit LP* ₹
100 ¹⁾	000	000	Box	1	3NP1121-1CA20	4920.-
				3	3NP1123-1CA20	8940.-
				4	3NP1124-1CA20	15610.-
160 ²⁾	00	000,00	Flat	1	3NP1131-1CA10	5180.-
				3	3NP1133-1CA10	9350.-
				4	3NP1134-1CA10	16265.-
250 ²⁾	1	00,1	Flat	1	3NP1141-1DA10	15090.-
				3	3NP1143-1DA10	27360.-
				4	3NP1144-1DA10	44855.-
400 ²⁾	2	1,2	Flat	1	3NP1151-1DA10	20755.-
				3	3NP1153-1DA10	37490.-
				4	3NP1154-1DA10	60675.-
630 ²⁾	3	2,3	Flat	1	3NP1161-1DA10	27620.-
				3	3NP1163-1DA10	50235.-
				4	3NP1164-1DA10	80505.-



1-pole



3-pole



2-pole



4-pole

3NP1 with Electronic fuse monitoring ³⁾

Rated current (A)	3NP1 size	DIN fuse size	Terminals type	Poles ⁴⁾	Type	Unit LP* ₹
100 ¹⁾	000	000	Box	1	3NP1121-1CA24	17235.-
				3	3NP1123-1CA24	26680.-
160 ²⁾	00	000,00	Flat	1	3NP1131-1CA14	16460.-
				3	3NP1133-1CA14	26920.-
250 ²⁾	1	00,1	Flat	1	3NP1141-1DA14	27390.-
				3	3NP1143-1DA14	44855.-
400 ²⁾	2	1,2	Flat	1	3NP1151-1DA14	33290.-
				3	3NP1153-1DA14	55475.-
630 ²⁾	3	2,3	Flat	1	3NP1161-1DA14	40140.-
				3	3NP1163-1DA14	67760.-



1-pole with EFM



3-pole with EFM

- 1) Can be used up to 160A along with an accessory feeder terminal 3NP1923-1BD00 (for 3-pole) and 3NP1921-1BD00 (for 1-pole)
- 2) Box type terminals available for higher ratings 3NP1.
- 3) EFM voltage range: 1-pole: 24 ... 240 V AC (phase to N) / 24 ... 250 V DC (L+ to L-); 3-pole: 190 ... 690 V AC (phase to phase) .

Further voltage ranges are available as accessories. EFM needs external 24V DC power supply.

- 4) 2-pole 3NP1 is a combination of 2 nos. 1-pole 3NP1 with assembly kit accessories. Please refer page 52 for assembly kit selection.

Configurator for 3NP1

- Ready-to-install version
- Application specific switches
- Accessories



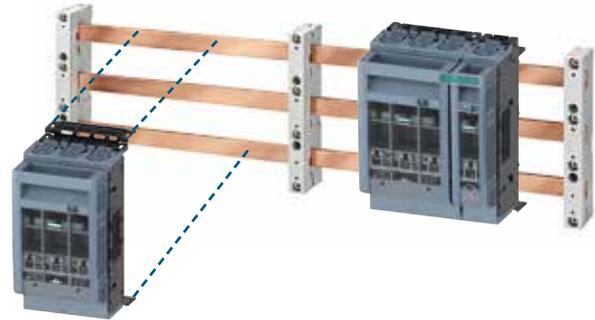
3NP1 mounting on 8US busbar

3NP1 mounting on 60mm 8US busbar system ³⁾

3NP1 without fuse monitoring

Rated current (A)	3NP1 size	DIN fuse size	Terminals type	Poles ⁴⁾	Type	Unit LP* ₹
100 ¹⁾	000	000	Box	3	3NP1123-1BC20	13235.-
				4	3NP1124-1BC20	22045.-
160 ²⁾	00	00	Flat	3	3NP1133-1BC10	14200.-
				4	3NP1134-1BC10	23755.-
250 ²⁾	1	1	Flat	3	3NP1143-1BC10	45285.-
				4	3NP1144-1BC10	70585.-
400 ²⁾	2	2	Flat	3	3NP1153-1BC10	58525.-
				4	3NP1154-1BC10	91835.-
630 ²⁾	3	3	Flat	3	3NP1163-1BC10	74290.-
				4	3NP1164-1BC10	117840.-

8US busbar system



Accessories for 3NP1

Auxillary contact (1CO type)



3NP1 Size	Type	Unit LP* ₹
000	3NP1920-1FA00	2060.-
00	3NP1930-1FA00	2060.-
1,2,3	3NP1940-1FA00	2240.-

Feeder terminals for 3NP1 121/ 3 for use up to 160A



3NP1 Size	Terminals type	Poles	Type	Unit LP* ₹
000	Box	1	3NP1921-1BD00	2595.-
		3	3NP1923-1BD00	5800.-

Assembly kit for connection of 1-pole and 3-pole 3NP1 to form floor mounted 2-pole⁴⁾ and 4-pole 3NP1



3NP1 Size	Type	Unit LP* ₹
000	3NP19211EC00	POR
00	3NP19311EC00	
1,2,3	3NP19411EC00	

Assembly kit for mounting 3NP1 floor type on 8US 60mm busbar system ⁵⁾



3NP1 Size	Terminals type	Poles	Type	Unit LP* ₹
000	Box	1	3NP1921-1EE10	POR
00			3NP1931-1EE10	

- 1) Can be used up to 160A along with an accessory feeder terminal 3NP1923-1BD00 (for 3-pole) and 3NP1921-1BD00 (for 1-pole)
- 2) Box type terminals available for higher ratings 3NP1.
- 3) 3NP1 also available for Rittal RiLine 60 busbar system with base
- 4) 2-pole 3NP1 is a combination of 2 nos. 1-pole 3NP1 with assembly kit accessories.
- 5) Contains all parts for assembly and connection.

POR: Price On Request

Std. Pkg. = 1 unit

* LP - List Price

Main control and EMERGENCY STOP switches 3LD2

- Rated current range: 16A-250A
- Conforms to IEC 60947-3 / UL508
- Can be used for motor & power distribution application



Main and EMERGENCY-STOP switches with rotary operating mechanism

Front mounting - Four hole mounting
Lockable in OFF position with upto 3 padlocks,
Degree of Protection IP65



No of Poles	Rated current (A) Ie AC21A	Motor kW AC 23A, 380....440V, 50/60Hz	Type	Unit LP* ₹
3	16	7.5	3LD2003-0TK5□	3880.-
	25	9.5	3LD2103-0TK5□	4290.-
	32	11.5	3LD2203-0TK5□	4790.-
	63	22	3LD2504-0TK5□	8190.-
	100	37	3LD2704-0TK5□	12415.-
	125	45	3LD2804-0TK5□	15830.-
	160	75	3LD2305-0TK1□	POR
	250	132	3LD2405-0TK1□	

□ - 1: Black OR
□ - 3: Red/yellow

Main control and EMERGENCY-STOP switches with selector switch operating mechanism

Front mounting - Four hole mounting
Lockable in OFF position with upto 2 padlocks,
Degree of Protection IP65,
Including terminal cover for incoming side



No of Poles	Rated current (A) Ie AC21A	Motor kW AC 23A, 380....440V, 50/60Hz	Type	Unit LP* ₹
3	16	7.5	3LD2022-0TK1□	3460.-
	25	9.5	3LD2122-0TK1□	3800.-
	32	11.5	3LD2222-0TK1□	4610.-

□ - 1: Black OR
□ - 3: Red/yellow

Changeover switches with selector switch operating mechanism

Front mounting - Four hole mounting
Selector switch cannot be locked
Degree of Protection IP65
Black Actuator



No of Poles	Rated current (A) Ie AC21A	Motor kW AC 23A, 380....440V, 50/60Hz	Type	Unit LP* ₹
3	25	9.5	3LD2123-7UK01	8500.-
	32	11.5	3LD2223-7UK01	9300.-
	63	22	3LD2524-7UK01	15375.-
	100	37	3LD2724-7UK01	28590.-
	160	75	3LD2305-7UK01	POR
	250	132	3LD2405-7UK01	

Changeover switch with knob Operated Mechanism In moulded plastic enclosure



No of Poles	Rated current (A) Ie AC21A	Motor kW AC 23A, 380....440V, 50/60Hz	Type	Unit LP* ₹
3	25	9.5	3LD21657UB01	13610.-
	32	11.5	3LD22657UB01	15465.-
	63	22	3LD25667UB01	33555.-
	100	37	3LD27667UB01	57815.-

Main and EMERGENCY-STOP switches with door coupling rotary operating mechanism

Panel mounting with 300mm switch shaft -
Four hole mounting
Lockable in OFF position with upto 3 padlocks,
Degree of Protection IP65
Including terminal cover for incoming side



No of Poles	Rated current (A) Ie AC21A	Motor kW AC 23A, 380....440V, 50/60Hz	Type	Unit LP* ₹
3	16	7.5	3LD2013-0TK5□	6215.-
	25	9.5	3LD2113-0TK5□	6900.-
	32	11.5	3LD2213-0TK5□	7605.-
	63	22	3LD2514-0TK5□	9125.-
	100	37	3LD2714-0TK5□	14990.-
	125	45	3LD2814-0TK5□	18720.-
	160	75	3LD2318-0TK1□	POR
	250	132	3LD2418-0TK1□	

□ - 1: Black OR
□ - 3: Red/yellow

Main control and EMERGENCY-STOP switches

In Moulded plastic enclosures
Lockable in OFF position with upto 3 padlocks,
Degree of Protection IP65,
with centre hole mounting
with N and/or PE ground terminals



No of Poles	Rated current (A) Ie AC21A	Motor kW AC 23A, 380....440V, 50/60Hz	Type	Unit LP* ₹
3	16	7.5	3LD2064-0TB5□	5530.-
	25	9.5	3LD2164-0TB5□	5995.-
	32	11.5	3LD2264-0TB5□	7125.-
	63	22	3LD2565-0TB5□	11795.-
	100	37	3LD2766-0TB5□	26810.-
	125	45	3LD2866-0TB5□	48525.-

□ - 1: Black OR
□ - 3: Red/yellow

Note: 3LD23/24 knob operated mechanism

POR: Price On Request

Std. Pkg. = 1 unit * LP - List Price

Configurator for 3LD

- Ready-to-install version
- Application specific switches
- Accessories



Accessories for 3LD2

Mounting	Description	For Switch	Type	Unit LP* ₹	Std. pkg. (nos.)		
For front mounting switch	Add on switched 4th pole (N Conductor Leading switch ON, delayed switch OFF)	3LD21 (25A) and 3LD22 (32A)	3LD9220-0B	1750.-	1		
		3LD25 (63A)	3LD9250-0BA	2565.-	1		
		3LD27 (100A) and 3LD28 (125A)	3LD9280-0B	3180.-	1		
		3LD23 (160A) and 3LD24 (250A)	3LD9240-0B	POR	1		
	N or PE terminal Continuous	3LD20 (16A)	3LD9200-2B	1170.-	1		
		3LD21 (25A) and 3LD22 (32A)	3LD9220-2B	1335.-	1		
		3LD25 (63A)	3LD9250-2BA	1755.-	1		
		3LD27 (100A) and 3LD28 (125A)	3LD9280-2B	2130.-	1		
	Auxiliary switches For mounting on left and/or right 1NO+1NC	3LD23 (160A) and 3LD24 (250A)	3LD9240-2B	POR	1		
		3LD20, 3LD21, 3LD22, 3LD25, 3LD27, 3LD28, 3LD23 and 3LD24	3LD9200-5B	1945.-	1		
		For floor and distribution board mounting switch or 3LD2 switch in moulded-plastic enclosure	Add on switched 4th pole (N Conductor Leading switch ON, delayed switch OFF)	3LD21 (25A) and 3LD22 (32A)	3LD9220-0C	1750.-	1
			3LD25 (63A)	3LD9250-0CA	2565.-	1	
3LD27 (100A) and 3LD28 (125A)	3LD9280-0C		3180.-	1			
3LD23 (160A) and 3LD24 (250A)	3LD9240-0C		POR	1			
N or PE terminal Continuous	3LD20 (16A)	3LD9200-2C	1580.-	1			
	3LD21 (25A) and 3LD22 (32A)	3LD9220-2C	1335.-	1			
	3LD25 (63A)	3LD9250-2CA	1755.-	1			
	3LD27 (100A) and 3LD28 (125A)	3LD9280-2C	2130.-	1			
Auxiliary switches For mounting on left and/or right 1NO+1NC	3LD23 (160A) and 3LD24 (250A)	3LD9240-2C	POR	1			
	3LD20, 3LD21, 3LD22, 3LD25, 3LD27, 3LD28, 3LD23 and 3LD24	3LD9200-5C	1845.-	1			
	Terminal cover for touch protection can be snapped on at top & bottom for front, floor and distribution board mounting	4 pole	3LD20 (16A)	3LD9201-1A	595.-	4	
		3 pole	3LD21 (25A) and 3LD22 (32A)	3LD9221-0A	555.-	4	
3 pole		3LD25 (63A)	3LD9251-0A	620.-	4		
1 pole		3LD27 (100A) and 3LD28 (125A)	3LD9281-2A	300.-	4		
1 pole		3LD23 (160A) and 3LD24 (250A)	3LD9241-2A	POR	4		
For front (four hole mounting only) and floor mounting switch or 3LD2 switch in moulded-plastic enclosure	Auxiliary switch, front-mounted, for long leading times 1NO+1NC, lagging switch-on, leading switch-off (20 ms to 150 ms)	3LD20, 3LD21, 3LD22, 3LD25, 3LD27 and 3LD28	3LD9280-5D	POR	1		
		3LD23 and 3LD24	3LD9240-5D	POR	1		

3LD2 maintenance and repair switches with EMC shield plate.
Please contact your nearest Siemens Sales Office for further details.



Motor control switches 3LA0

Description		Motor output 415V, 50Hz, 3Ph kW	Type	Unit LP* ₹	Std. pkg. (nos.)
Open execution	On/Off	7.5	3LA0201-1YA	3405.-	10
		30	3LA0601-1YB	7900.-	5
	System selector	5.5	3LA0202-1YA	3885.-	10
		30	3LA0602-1YB	11050.-	5
	Reversing	5.5	3LA0203-1YA	3885.-	10
		30	3LA0603-1YB	11050.-	5
	Star-delta	12	3LA0204-5YA	5475.-	10
		30	3LA0604-1YB	15045.-	5
	2 speed pole changing i) Separate windings ii) Dahlander	5.5	3LA0205-2YA	3885.-	10
		5.5	3LA0205-1YA	5230.-	10
5.5		3LA0205-3YA	7515.-	10	
Reversing pole changing	5.5	3LA0205-3YA	7515.-	10	

Spares & accessories for motor control switches**



Description	Type	Unit LP* ₹	Std. pkg. (nos.)
Ball handle – Black	3LX0 211-1YA	210.-	10
Machine handle – Black	3LX0 611-2YA	555.-	10
Indicating dial for size 2	3LX0 220-1YA	160.-	10
Indicating dial for size 6	3LX0 620-1YA	160.-	10
Catching lever for the drive mechanism of size 2 switch (2 nos. reqd. per switch)	3LY0 220-2YA	160.-	10
Tension spring for the drive mechanism of size 2 switch	3LY0 210-1YA	145.-	10

** All parts supplied loose in polythene bags.

Heavy duty switches 3LA0

No. of poles	Rated current		Open execution		
	AC 22A	AC 23A	Type	Unit LP* ₹	Std. pkg. (nos.)
2	25	16	3LA0205-4YA	2330.-	10
	63	52	3LA0605-1YB	5605.-	5
4	25	16	3LA0205-5YA	3885.-	10
	63	52	3LA0605-2YB	10220.-	5

POR: Price On Request

* LP - List Price

When it comes to safety, nothing beats SIVACON

SIVACON S8 Low Voltage Power Distribution Switchboard
Safe, Flexible, Efficient

SIVACON

Technology
Partner

SIEMENS



In conformance to the IEC 61439-1&2, SIVACON S8 guarantees high performance, maximum safety and compact modularity

Features

- The only 'Arc Free' switchboards in the world
- Patented double front PCCs upto 7000A, 150kA
- Patented holeless technology for connections
- Patented ventilation technique Combination of fixed, plugin & drawout feeders in the same vertical

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SIEMENS



3LD4

Control Switches

- Compact and flexible design
- Double break contacts ensures high reliability
- Suitable for ambient temperatures up to 50°C
- Quick and easy installation
- High electrical and mechanical life

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SIEMENS

3LD4 Control Switches

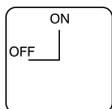
The 3LD4 Control Switches are cam operated switches suitable for use in a wide variety of control and auxiliary circuit applications.

- Conforms to IEC 60947-3, IEC 60947-5
- Range 6A to 100A
- Suitable for AC21A, AC-15 Utilization category
- Suitable for ambient up to 50°C
- Double break contacts for reliable operation
- Terminals designed for easy and fast installation



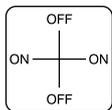
ON OFF Switches

90° operation



Type#	Description	Unit LP* ₹									Std. pkg. (nos.)
		6A (001)	10A (102)	16A (103)	20A (104)	25A (205)	32A (206)	40A (207)	63A (208)	100A (309)	
3LD4 ___ 1AA00-ORCO	1 Pole	215.-	410.-	490.-	515.-	535.-	660.-	840.-	980.-	5130.-	1
3LD4 ___ 2AA00-ORCO	2 Pole	275.-	465.-	555.-	620.-	645.-	765.-	1010.-	1260.-	6410.-	
3LD4 ___ 3AA00-ORCO	3 Pole	300.-	555.-	650.-	710.-	840.-	940.-	1175.-	1685.-	7890.-	
3LD4 ___ 4AA00-ORCO	4 Pole	370.-	600.-	700.-	845.-	1035.-	1115.-	1350.-	2030.-	9240.-	

90° Operation with complete rotation

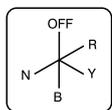
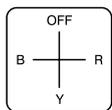


Type#	Description	Unit LP* ₹									Std. pkg. (nos.)
		6A (001)	10A (102)	16A (103)	20A (104)	25A (205)	32A (206)	40A (207)	63A (208)	100A (309)	
3LD4 ___ 1BC00-ORCO	1 Pole	210.-	410.-	490.-	515.-	520.-	650.-	835.-	975.-	5130.-	1
3LD4 ___ 2BC00-ORCO	2 Pole	275.-	465.-	555.-	620.-	645.-	765.-	1010.-	1260.-	6410.-	
3LD4 ___ 3BC00-ORCO	3 Pole	300.-	555.-	650.-	710.-	840.-	940.-	1175.-	1685.-	7890.-	
3LD4 ___ 4BC00-ORCO	4 Pole	370.-	600.-	700.-	845.-	1035.-	1115.-	1350.-	2030.-	9240.-	

* Fill in the 5th, 6th & 7th of the type nos with the digits in () to get complete MLFB
e.g. for 6A 3 Pole ON OFF Switch the complete type no will be 3LD40013AA00-ORCO

Instrumentation Selector Switch

Ammeter Selector Switch (ASS)



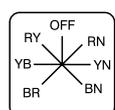
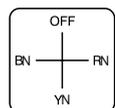
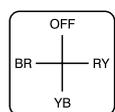
Description	Rating	Type#	Unit LP* ₹	Std. pkg. (nos.)
Line currents with OFF	6A	3LD40014DC200RCO	450.-	1
	10A	3LD41024DC200RCO	540.-	
	16A	3LD41034DC200RCO	690.-	
	20A	3LD41044DC200RCO	770.-	
Line currents with Neutral with OFF	6A	3LD40014DD200RCO	445.-	
	10A	3LD41024DD200RCO	535.-	
	16A	3LD41034DD200RCO	675.-	
	20A	3LD41044DD200RCO	855.-	



* LP - List Price

3LD4 Control Switches

Voltmeter Selector Switch (VSS)

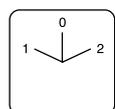


Description	Rating	Type#	Unit LP* ₹	Std. pkg. (nos.)
Line voltages with OFF	6A	3LD40014DC300RC0	330.-	1
	10A	3LD41024DC300RC0	490.-	
	16A	3LD41034DC300RC0	625.-	
	20A	3LD41044DC300RC0	710.-	
Phase voltages with OFF	6A	3LD40014DC310RC0	585.-	
	10A	3LD41024DC310RC0	660.-	
	16A	3LD41034DC310RC0	845.-	
	20A	3LD41044DC310RC0	935.-	
Line & Phase voltages with OFF	6A	3LD40014DF300RC0	585.-	
	10A	3LD41024DF300RC0	980.-	
	16A	3LD41034DF300RC0	1170.-	
	20A	3LD41044DF300RC0	1270.-	



Changeover Switch

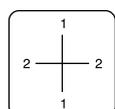
With OFF (60°)



Type#	Description	Unit LP* ₹									Std. pkg. (nos.)
		6A (001)	10A (102)	16A (103)	20A (104)	25A (205)	32A (206)	40A (207)	63A (208)	100A (309)	
3LD4 ___ 1BB10-ORCO	1P 2W	275.-	505.-	620.-	635.-	650.-	720.-	975.-	1325.-	6625.-	1
3LD4 ___ 2BB10-ORCO	2P 2W	370.-	620.-	700.-	825.-	875.-	1030.-	1335.-	2005.-	9695.-	
3LD4 ___ 3BB10-ORCO	3P 2W	450.-	765.-	935.-	1150.-	1330.-	1435.-	1685.-	2700.-	12550.-	
3LD4 ___ 4BB10-ORCO	4P 2W	555.-	845.-	1075.-	1405.-	1770.-	1860.-	2065.-	3415.-	16000.-	

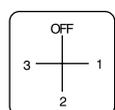


Without OFF (90°)



Type#	Description	Unit LP* ₹									Std. pkg. (nos.)
		6A (001)	10A (102)	16A (103)	20A (104)	25A (205)	32A (206)	40A (207)	63A (208)	100A (309)	
3LD4 ___ 1PC10-ORCO	1P 2W	275.-	505.-	620.-	625.-	650.-	720.-	975.-	1325.-	6625.-	1
3LD4 ___ 2PC10-ORCO	2P 2W	370.-	620.-	700.-	825.-	875.-	1030.-	1335.-	2005.-	9695.-	
3LD4 ___ 3PC10-ORCO	3P 2W	450.-	765.-	935.-	1150.-	1330.-	1435.-	1685.-	2700.-	12550.-	
3LD4 ___ 4PC10-ORCO	4P 2W	555.-	845.-	1075.-	1405.-	1770.-	1860.-	2065.-	3415.-	16000.-	

Phase Changeover Switch (PCS)



Type#	Description	Unit LP* ₹									Std. pkg. (nos.)
		6A (001)	10A (102)	16A (103)	20A (104)	25A (205)	32A (206)	40A (207)	63A (208)	100A (309)	
3LD4 ___ 1CC10-ORCO	1P 3W	330.-	445.-	520.-	620.-	625.-	775.-	1140.-	1275.-	5450.-	1



* Fill in the 5th, 6th & 7th of the type nos with the digits in () to get complete MLFB
e.g. for 10A 3 Pole Changeover with OFF (60°) the complete type no will be 3LD41023BB10-ORCO

3LD4 Control Switches

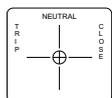
Breaker Control Switch

Breaker Control Switch also referred to as **TNC or Trip-Neutral-Close Switch** is used in the control circuit of Low & Medium Voltage panels for switching circuit breakers. BCS switch has three positions – Trip, Neutral & Close used for switching the circuit breaker via auxiliary releases.



Product Features

- Pistol grip handle for easy operation
- Spring return operation
- High electrical & mechanical life
- Available in 25A & 32A ratings
- Tested as per IEC 60947-5-1

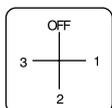


Description	Rating	Type#	Unit LP* ₹	Std. pkg. (nos.)
1 Trip + 1 Close	25A	3LD4205-2BB50-ORCO	1825.-	1
	32A	3LD4206-2BB50-ORCO	2155.-	
2 Trip + 2 Close	25A	3LD4205-4BB50-ORCO	2200.-	
	32A	3LD4206-4BB50-ORCO	2565.-	

Multistep Switch

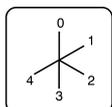


Multistep 3 Way with OFF



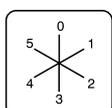
Type#	Description	Unit LP* ₹										Std. pkg. (nos.)
		6A (001)	10A (102)	16A (103)	20A (104)	25A (205)	32A (206)	40A (207)	63A (208)	100A (309)		
3LD4 ___1CC40-ORCO	1P 3W	330.-	555.-	645.-	660.-	700.-	780.-	1115.-	1260.-	6410.-	1	
3LD4 ___2CC40-ORCO	2P 3W	450.-	650.-	780.-	935.-	1070.-	1145.-	1650.-	1855.-	9980.-		
3LD4 ___3CC40-ORCO	3P 3W	650.-	865.-	1325.-	1420.-	1580.-	1720.-	2195.-	2870.-	13050.-		
3LD4 ___4CC40-ORCO	4P 3W	835.-	1120.-	1605.-	1760.-	1970.-	2170.-	2945.-	3430.-	16480.-		

Multistep 4 Way with OFF



Type#	Description	Unit LP* ₹										Std. pkg. (nos.)
		6A (001)	10A (102)	16A (103)	20A (104)	25A (205)	32A (206)	40A (207)	63A (208)	100A (309)		
3LD4 ___1DD40-ORCO	1P 4W	375.-	495.-	935.-	1015.-	1120.-	1245.-	1410.-	1915.-	5670.-	1	
3LD4 ___2DD40-ORCO	2P 4W	650.-	940.-	1105.-	1135.-	1180.-	1370.-	1770.-	2235.-	8755.-		
3LD4 ___3DD40-ORCO	3P 4W	910.-	1265.-	1755.-	1840.-	1970.-	2260.-	3020.-	3430.-	24120.-		

Multistep 5 Way with OFF

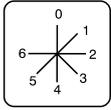


Type#	Description	Unit LP* ₹										Std. pkg. (nos.)
		6A (001)	10A (102)	16A (103)	20A (104)	25A (205)	32A (206)	40A (207)	63A (208)	100A (309)		
3LD4 ___1EE40-ORCO	1P 5W	425.-	795.-	1075.-	1215.-	1400.-	1420.-	1755.-	2050.-	6030.-	1	
3LD4 ___2EE40-ORCO	2P 5W	765.-	1230.-	1425.-	1650.-	1910.-	2235.-	2305.-	2875.-	8750.-		

* LP - List Price

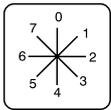
Multistep Switch

Multistep 6 Way with OFF



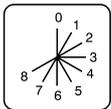
Type#	Description	Unit LP* ₹								Std. pkg. (nos.)
		6A (001)	10A (102)	16A (103)	20A (104)	25A (205)	32A (206)	40A (207)	63A (208)	
3LD4 ___ 1FF40-ORCO	1P 6W	550.-	895.-	1035.-	1140.-	1245.-	1455.-	1490.-	2415.-	1
3LD4 ___ 2FF40-ORCO	2P 6W	910.-	1335.-	1500.-	1695.-	1915.-	2320.-	2965.-	3875.-	

Multistep 7 Way with OFF



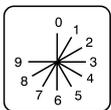
Type#	Description	Unit LP* ₹								Std. pkg. (nos.)
		6A (001)	10A (102)	16A (103)	20A (104)	25A (205)	32A (206)	40A (207)	63A (208)	
3LD4 ___ 1GG40-ORCO	1P 7W	555.-	920.-	1135.-	1240.-	1420.-	1485.-	1545.-	2400.-	1

Multistep 8 Way with OFF



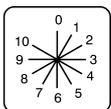
Type#	Description	Unit LP* ₹				Std. pkg. (nos.)
		6A (001)	10A (102)	16A (103)	20A (104)	
3LD4 ___ 1HH40-ORCO	1P 8W	630.-	775.-	1115.-	1290.-	1

Multistep 9 Way with OFF



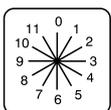
Type#	Description	Unit LP* ₹				Std. pkg. (nos.)
		6A (001)	10A (102)	16A (103)	20A (104)	
3LD4 ___ 1JJ40-ORCO	1P 9W	650.-	945.-	1150.-	1370.-	1

Multistep 10 Way with OFF



Type#	Description	Unit LP* ₹				Std. pkg. (nos.)
		6A (001)	10A (102)	16A (103)	20A (104)	
3LD4 ___ 1KK40-ORCO	1P 10W	765.-	1005.-	1545.-	2075.-	1

Multistep 11 Way with OFF



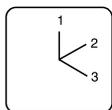
Type#	Description	Unit LP* ₹				Std. pkg. (nos.)
		6A (001)	10A (102)	16A (103)	20A (104)	
3LD4 ___ 1LL40-ORCO	1P 11W	910.-	1085.-	1695.-	2235.-	1

* Fill in the 5th, 6th & 7th of the type nos with the digits in () to get complete MLFB
 e.g. for 6A 3 Pole Multistep 4 Way with OFF the complete type no will be 3LD40013DD40-ORCO

Multistep Switch

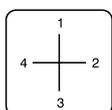


Multistep 3 Way without OFF



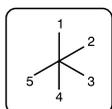
Type#	Description	Unit LP* ₹									Std. pkg. (nos.)
		6A (001)	10A (102)	16A (103)	20A (104)	25A (205)	32A (206)	40A (207)	63A (208)	100A (309)	
3LD4 ___ 1QB40-ORCO	1P 3W	310.-	535.-	650.-	660.-	825.-	850.-	1320.-	1485.-	5575.-	1
3LD4 ___ 2QB40-ORCO	2P 3W	450.-	810.-	920.-	1010.-	1080.-	1115.-	1650.-	1950.-	9980.-	
3LD4 ___ 3QB40-ORCO	3P 3W	650.-	1010.-	1370.-	1465.-	1580.-	1720.-	2415.-	2870.-	10720.-	
3LD4 ___ 4QB40-ORCO	4P 3W	835.-	1120.-	1585.-	1800.-	2000.-	2125.-	4690.-	5175.-	11490.-	

Multistep 4 Way without OFF



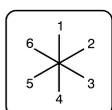
Type#	Description	Unit LP* ₹									Std. pkg. (nos.)
		6A (001)	10A (102)	16A (103)	20A (104)	25A (205)	32A (206)	40A (207)	63A (208)	100A (309)	
3LD4 ___ 1RC40-ORCO	1P 4W	355.-	585.-	795.-	855.-	985.-	1035.-	1425.-	1990.-	6795.-	1
3LD4 ___ 2RC40-ORCO	2P 4W	505.-	840.-	935.-	1075.-	1170.-	1275.-	1720.-	2235.-	10490.-	
3LD4 ___ 3RC40-ORCO	3P 4W	690.-	825.-	1485.-	1645.-	1860.-	2065.-	2245.-	3000.-	13830.-	

Multistep 5 Way without OFF



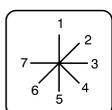
Type#	Description	Unit LP* ₹									Std. pkg. (nos.)
		6A (001)	10A (102)	16A (103)	20A (104)	25A (205)	32A (206)	40A (207)	63A (208)	100A (309)	
3LD4 ___ 1SD40-ORCO	1P 5W	425.-	615.-	850.-	975.-	1115.-	1370.-	1755.-	2240.-	6000.-	1
3LD4 ___ 2SD40-ORCO	2P 5W	765.-	1035.-	1170.-	1500.-	1760.-	1895.-	2430.-	3080.-	8625.-	

Multistep 6 Way without OFF



Type#	Description	Unit LP* ₹									Std. pkg. (nos.)
		6A (001)	10A (102)	16A (103)	20A (104)	25A (205)	32A (206)	40A (207)	63A (208)	100A (309)	
3LD4 ___ 1TE40-ORCO	1P 6W	445.-	550.-	1070.-	1140.-	1245.-	1420.-	1655.-	2100.-	9980.-	1
3LD4 ___ 2TE40-ORCO	2P 6W	865.-	1050.-	1435.-	1800.-	2205.-	2265.-	2305.-	2940.-	19915.-	

Multistep 7 Way without OFF

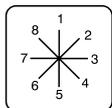


Type#	Description	Unit LP* ₹									Std. pkg. (nos.)
		6A (001)	10A (102)	16A (103)	20A (104)	25A (205)	32A (206)	40A (207)	63A (208)		
3LD4 ___ 1UF40-ORCO	1P 7W	550.-	700.-	810.-	1120.-	1475.-	1480.-	1770.-	2630.-	1	

* LP - List Price

Multistep Switch

Multistep 8 Way without OFF



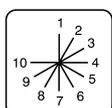
Type#	Description	Unit LP* ₹				Std. pkg. (nos.)
		6A (001)	10A (102)	16A (103)	20A (104)	
3LD4 ___ 1VG40-ORCO	1P 8W	555.-	1095.-	1210.-	1290.-	1

Multistep 9 Way without OFF



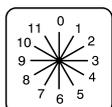
Type#	Description	Unit LP* ₹				Std. pkg. (nos.)
		6A (001)	10A (102)	16A (103)	20A (104)	
3LD4 ___ 1WH40-ORCO	1P 9W	650.-	1135.-	1920.-	2385.-	1

Multistep 10 Way without OFF



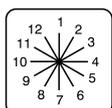
Type#	Description	Unit LP* ₹				Std. pkg. (nos.)
		6A (001)	10A (102)	16A (103)	20A (104)	
3LD4 ___ 1XJ40-ORCO	1P 10W	700.-	1155.-	2125.-	2870.-	1

Multistep 11 Way without OFF



Type#	Description	Unit LP* ₹				Std. pkg. (nos.)
		6A (001)	10A (102)	16A (103)	20A (104)	
3LD4 ___ 1YK40-ORCO	1P 11W	725.-	1180.-	2290.-	3025.-	1

Multistep 12 Way without OFF



Type#	Description	Unit LP* ₹				Std. pkg. (nos.)
		6A (001)	10A (102)	16A (103)	20A (104)	
3LD4 ___ 1ZL40-ORCO	1P 12W	795.-	1210.-	2385.-	3060.-	1

* Fill in the 5th, 6th & 7th of the type nos with the digits in () to get complete MLFB
e.g. for 6A 1 Pole Multistep 4 Way without OFF the complete type no will be 3LD4-0011RC40-ORCO

* LP - List Price

