

electrical.

Electrical and SMC Products

- SMC junction boxes
- SMC meter boxes
- SMC distribution boxes
- SMC distribution pillar boxes
- SMC service connection distribution boxes for AB cable
- FRP aerial fuse boards
- SMC moulded service connection boards
- SMC water meter boxes
- FRP 'V' type arms (REC design)
- FRP straight cross arms (REC design)
- FRP fencing
- SMC danger notice plates
- Starter panels for agriculture applications: Pumps and motors
- LCS
- Power receptacles
- SMC MCB distribution boards (DBs)
- SMC chequered plates
- SMC trench covers and gratings
- SMC sheets
- FRP pultruded sections
- FRP ladders
- FRP cable trays
- FRP battery stands
- IP65/IP67 enclosures
- MCBs
- RCCBs
- Isolators
- LED bulbs
- Industrial plugs and sockets



For business enquiry, write to us at electricalbusiness@sintex.co.in

Electrical and SMC Products

SMC Junction Boxes



Features:

- Shockproof and rustproof
- Rotproof and termite resistant
- Cable entry from bottom and/or sides
- 100% weatherproof
- Pole mounting arrangement
- Tamper proof
- Pilferage proof
- Restricts unauthorised tapping
- Maintenance-free
- Fire retardant – Class FV-0 as per IS:11731 Part-II or V-0 as per UL-94
- High heat distortion temperature (200°C as per IS:10192)

RANGE & SPECIFICATIONS

Code No.	Inside Dimensions (mm) H x W x D	Applications
SIDE HINGED – DOOR FIXED TO BASE WITH HINGES		
GSJB-1414	140 x 140 x 95	Junction box/cut-out box/fuse box for single phase/2 core low wattage FTI/CFL based lighting system for pedestrian/pathway illumination
GSJB-2014	200 x 140 x 95	
GSJB-2817	240 x 130 x 110	
GSJB-2520	250 x 200 x 105	
GSJB-3020[1] (right hinged)	300 x 200 x 105	Pole mounted junction box/cut-out box/fuse box for road/street lighting for 3 phase/4 core high wattage HPSV/HPMV/MH based lighting system for industrial applications
TOP HINGED – DOOR FIXED TO BASE WITH HINGES ON TOP		
GSJB-1616-T	155 x 155 x 100	Junction box/cut-out box/fuse box for single phase/2 core low wattage FTI/CFL based lighting system for pedestrian/pathway illumination
GSJB-3016-T	275 x 135 x 110	Pole mounted junction box/cut-out box/fuse box for road/street lighting for 3 phase/4 core high wattage HPSV/HPMV/MH based lighting system for industrial, commercial as well as flood lighting applications
SLIDING – DOOR FIXED TO BASE BY MEANS OF SLIDING		
GSJB-3416	340 x 160 x 90	Pole mounted junction box/cut-out box/fuse box for road/street lighting for 3 phase/4 core high wattage HPSV/HPMV/MH based lighting system for industrial, commercial as well as flood lighting applications Provision for fixing 2 cut-outs, one for lighting and other for kiosks/signage/emergency power supply
REMOVABLE – DOOR FIXED TO THE BASE BY MEANS OF HARDWARE		
GSJB-1510-R	155 x 100 x 60	Control terminal box/cut-out box
GSJB-1816-R	185 x 165 x 60	
GSJB-2818-R	280 x 180 x 60	

SMC Meter Boxes

Features:

- Single piece moulded without any joints
- Concealed metal hinges
- Mounting screws fitted from inside
- Metal hardware for wire seal
- Adequate space for meter and cut-outs
- Wide range for different applications
- Lightweight yet strong
- Weatherproof
- Prices matching conventional meter boxes
- Shockproof
- Free from pilferage
- Maintenance-free



RANGE & SPECIFICATIONS		
Code No.	Internal Dimensions (mm) H x W x D	Description
SINGLE HINGED DOOR		
GSMB-2520	250 x 200 x 105	L.T. 1 phase kWh meter
GSMB-2522	250 x 220 x 135	L.T. 1 phase kWh meter
GSMB-2525	250 x 250 x 155	L.T. 1 phase kWh meter
GSMB-2823	285 x 230 x 150	10 meter box with transparent lid
GSMB-3428	340 x 285 x 120	L.T. 3 phase kWh meter
GSMB-3525	350 x 250 x 150	L.T. 3 phase kWh meter
GSMB-3527	350 x 270 x 200	L.T. 3 phase kWh meter
GSMB-3726	325 x 220 x 150	L.T. 3 phase kWh meter
GSMB-3920	390 x 200 x 105	L.T. 3 phase kWh meter
GSMB-3923	380 x 225 x 140	L.T. 3 phase kWh meter
GSMB-3727	370 x 270 x 210	L.T. 3 phase static kWh meter
GSMB-4030	400 x 300 x 190	L.T. 3 phase kWh meter
GSMB-4537	450 x 375 x 200	L.T. 3 phase kWh meter
GSMB-5345	530 x 450 x 175	Multi-meter box for housing 4 nos. 1 phase meters and 3 nos. 3 phase meters
GSMB-5030	500 x 300 x 230	Meter and modem box
GSMB-5431	540 x 310 x 200	Meter and modem box
GSMB-3750	345 x 480 x 135	1 phase 2 meter box
GSMB-3750	345 x 480 x 210	Multi-meter box for housing 3 nos. 1 phase meters
GSMB-5728	570 x 280 x 220	H.T. TVM with TTB
GSMB-6545	650 x 450 x 150	Multi-meter box for 4 nos. 1-ph. and 2 nos. 3-ph. kWh meters
GSMB-7450	700 x 480 x 210	Multi-meter box for 6 nos. 1-ph. and 4 nos. 3-ph. kWh meters
GSMB-10069	1000 x 490 x 215	Multi meter box housing 10, 12, 16 nos. 1 phase meters and 6, 9 nos. 3 phase meters
DOUBLE HINGED DOOR		
GSMB-4422	430 x 215 x 150/120	L.T. 1 phase kWh meter with MCB and with viewing window for MCB
GSMB-4422-I	430 x 215 x 150/120	L.T. 1 phase kWh meter with MCB
GSMB-5628	505 x 240 x 150	L.T. 3 phase kWh meter with MCB
GSMB-5628-I	505 x 240 x 150	L.T. 3 phase kWh meter with MCB
GSMB-5628-II	505 x 240 x 265/150	L.T. 3 phase electronic kWh meter mounted on cast resin bar primary C
GSMB-6535	650 x 350 x 250	L.T. TVM with CTs
GSMB-6535-I	650 x 350 x 210	L.T. TVM with CTs
GSMB-6535-II	650 x 350 x 255	L.T. TVM with CTs
GSMB-7627	760 x 270 x 170	L.T. TVM with CTs
GSMB-8135	810 x 350 x 230	L.T. TVM with CTs
GSMB-8535	850 x 350 x 250	L.T. TVM with CTs
GSMB-9035	900 x 350 x 250	L.T. kWh/TVM with fuses/CTs/TTB
GSMB-9045	900 x 450 x 250	L.T. TVM with CTs
GSMB-7450	700 x 480 x 210	Multi-meter box for housing 4, 6 nos. 1 phase meters and 4 nos. 3 phase meters
GSMB-10035	1000 x 350 x 230	L.T. TVM with CTs and modem
SINGLE DOOR PUSH FIT		
GSMB-2520-T	250 x 200 x 105	1 phase kWh meter (electronic) with P.C. transparent lid
GSMB-2619-T	260 x 190 x 129	1 phase kWh meter (electronic) with P.C. transparent lid
GSMB-3428	340 x 285 x 120	1 phase kWh meter (electronic)
GSMB-3833	384 x 334 x 125	3 phase electronic kWh meter
GSMB-3727	370 x 270 x 210	3 phase electronic kWh meter
GSMB-3727-I	370 x 270 x 145	3 phase electronic kWh meter

SMC Distribution Boxes

Features:

- High heat distortion temperature (200°C as per IS:10192)
- Non-fusing
- Shockproof and rustproof
- Rotproof and termite resistant
- Ideal for both indoor and outdoor use
- Elegant appearance
- 100% weatherproof
- Fire retardant – Class FV-0 as per IS:11731 Part-II or V-0 as per UL-94



RANGE & SPECIFICATIONS		
Code No.	Inside Dimensions (mm) H x W x D	Application
SINGLE HINGED DOOR		
GSD8-3020	295 x 195 x 100	1 phase service connection distribution box, fuse box
GSD8-3126	270 x 225 x 135	Electrical and hydraulic instruments, cut-outs, controls and switchgear
GSD8-3428	340 x 285 x 120	Fuse box
GSD8-3525	350 x 250 x 150	Fuse box
GSD8-3527	350 x 270 x 200	Fuse box
GSD8-3726	325 x 220 x 150	Fuse box
GSD8-3750	345 x 480 x 135	Pole top DB
GSD8-3920	390 x 200 x 105	Fuse box
GSD8-3727	370 x 270 x 210	Busbar chamber box
GSD8-4030	400 x 300 x 190	3 phase service connection distribution box/ABC distribution box
GSD8-5431	540 x 310 x 200	
GSD8-5728	570 x 280 x 220	Busbar chamber box
DOUBLE HINGED DOOR		
GSD8-4422	430 x 215 x 150/120	Control terminal box, fuse box
GSD8-4422-I	430 x 215 x 150/120	Control terminal box, fuse box
GSD8-5628	505 x 240 x 150	Busbar chamber box
GSD8-5628-I	505 x 240 x 150	Busbar chamber box
GSD8-5628-II	505 x 240 x 265/150	Busbar chamber box
GSD8-6050	600 x 500 x 250	1 phase distribution box
GSD8-6535	650 x 350 x 250	Busbar chamber box
GSD8-6535-I	650 x 350 x 210	Busbar chamber box
GSD8-6535-II	650 x 350 x 255	Busbar chamber box
GSD8-7450	700 x 480 x 210	Electrical control and switchgear items such as MCCB, fuse, isolator and busbar distribution box
GSD8-10069	1000 x 690 x 300	Electrical control and switchgear items such as MCCB, fuse, isolator and busbar distribution box
GSD8-11569	1150 x 690 x 350	Electrical control and switchgear items such as MCCB, fuse, isolator and busbar distribution box
GSD8-120110	1200 x 1100 x 400	With canopy + front and back (optional) doors and pedestal (optional) TNEB mini and UGVCLFSP

SMC Distribution Pillar Boxes

Range:

Standard design made as per the electrical requirements to suit conventional power distribution systems consisting of protection devices and metering, and also as per the clients' requirements.

- Mini pillars
- 2-way feeder pillar boxes
- 4-way feeder pillar boxes
- 6-way feeder pillar boxes
- 8-way feeder pillar boxes

The above configurations are available with electrical circuitry consisting of busbar works and protection devices such as rewirable kil-kats, HRC fuses, 1p/3p MCCB, and switch disconnector/switch fuse disconnector, etc. to suit the clients' requirements.

Note: Other sizes/ratings and configurations are available on request.



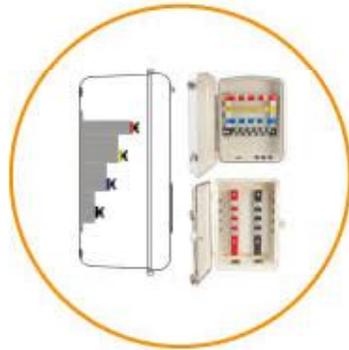
Features:

- Fabricated by combining SMC and pultruded FRP sections
- Maintenance-free
- Rustproof and shockproof
- Withstands coastal/polluted atmosphere, solar radiation and heavy rains
- Safe for humans as well cattle due to insulated body

SMC Service Connection Distribution Boxes for AB Cable



SPRING LOADED CONSTANT PRESSURE MULTI-CONNECTION BUSBAR SYSTEM



BUSBAR WITH SCREW BOLT CONNECTION SYSTEM

Features:

- Ingress protection to IP:6623
- Pole mounting arrangement
- Busbar for high fault currents
- Cable entry from bottom and/or sides
- Easy and organised management of consumer connections
- Shockproof and rustproof, suitable for polluted atmospheres
- Very high working temperature and higher arc resistance
- Weatherproof
- Maintenance-free

RANGE & SPECIFICATIONS				
Code No.	Approx. Dimension (mm)	No. of Service I/C	Connection O/G	No. of Busbar Module
SMC SERVICE MAINS DB HAVING SPRING LOADED CONSTANT PRESSURE MULTI-CONNECTION BUSBAR IN SMC CASING				
GSSB-3020-406	300 x 200 x 130	1 no. 3-ph. TPN	5 nos. TPN	4 nos. 6-way
GSSB-3020-406 A	300 x 200 x 130	1 no. 1-ph. SPN	9 nos. SPN	4 nos. 6-way
GSSB-4030-210	400 x 300 x 190	1 no. 1-ph. SPN	9 nos. SPN	2 nos. 10-way
GSSB-4030-410	400 x 300 x 190	1 no. 3-ph. TPN	9 nos. TPN	4 nos. 10-way
GSSB-4030-410 A	400 x 300 x 190	1 no. 1-ph. SPN	17 nos. SPN	4 nos. 10-way
SMC SERVICE MAINS DB HAVING BUSBAR WITH SCREW BOLT CONNECTION THROUGH FLY NUT				
GSSB-3020-2 BB	300 x 200 x 130	1 no. 1-ph. SPN	5 nos. SPN	2 nos. 6-way
GSSB-3923-BB	380 x 225 x 140	1 no. 1-ph. SPN	8 nos. SPN	2 nos. 9-way
GSSB-3527-2 BB	350 x 270 x 210	1 no. 1-ph. SPN	8 nos. SPN	2 nos. 9-way
GSSB-4030-4 BB	400 x 300 x 190	1 no. 3-ph. TPN	4 nos. TPN	4 nos. 5-way
GSSB-4030-4 BBA	400 x 300 x 190	1 no. 1-ph. SPN	12 nos. SPN	4 nos. 9-way
GSSB-4537-BB	450 x 375 x 200	1 no. 3-ph. TPN	4 nos. TPN	4 nos. 5-way
SMC SERVICE MAINS DB WITH CLIP ON TYPE TERMINAL BLOCKS (TB)				
GSDB-3020-SP05-FB	300 x 200 x 105	1 no. 1-ph. SPN	5 nos. SPN	Link Mounted TB
GSDB-4030-TP04-FB	400 x 300 x 190	1 no. 3-ph. TPN	4 nos. TPN	Link Mounted TB

FRP Aerial Fuse Boards



Features:

- FRP base fuse board
- Shatter resistant
- Integrated parts, hence no detachment
- Excellent dielectric strength, no leakage
- Safe, tried and tested method
- Decay-proof, hence longer life

RANGE & SPECIFICATIONS		
Range	Code No. 3-way	Code No. 6-way
15A	GFSB-15A3-01	GFSB-15A6-01
30A	GFSB-30A3-01	GFSB-30A6-01
60A	GFSB-60A3-01	GFSB-60A6-01
>60A	Please contact us for fuse box.	

SMC Moulded Service Connection Boards

Features:

- Rustproof and waterproof
- Weatherproof and termite proof
- Maintenance-free
- Withstands solar radiation and heavy rains
- Excellent finish and dimensional consistency
- No decay, hence no painting or plank replacement required
- Consistent quality and timely delivery to match the pace of the project

RANGE & SPECIFICATIONS			
Code No.	Size (mm)	Description	Suitable for installation of
GSBPL-2515	250 x 150	1 Ø Service Connection Board	DP Switch, Lamp Holder, Switch and Fuse
GSBPL-3025	300 x 250	1 Ø Service Connection Board	1 Ø Meter, DP Switch, Lamp Holder, Switch and Fuse
GSBPL-3520	350 x 200	1 Ø Service Connection Board	1 Ø Meter, DP Switch, Fuse and Earth Terminal
GSBPL-3030	300 x 300	1 Ø Service Connection Board	1 Ø Meter DP MCB and Earth Terminal
GSBPL-4530	450 x 300	1 Ø Service Connection Board	1 Ø Meter, Lamp Holder, Switch, Earth Terminal, Neutral Link



SMC Water Meter Boxes



Features:

- Prevents meter damage
- Tamper proof
- Rustproof enclosure
- Weatherproof
- Maintenance-free
- Viewing window for reading meter
- Provision to seal the box

FRP 'V' Type Arms (REC Design)

Features:

- Anti-corrosive, hence suitable for coastal and polluted atmosphere
- Ideal for harsh weather conditions
- No change in conductor formation/configuration as well as ground clearance while replacing metal 'V' type cross arms of existing lines
- Maintenance-free and requires no painting
- Extremely safe
- Reduced transportation cost and ease of erection
- Suitable for 11 kV overhead line
- Lightweight yet strong



RANGE & SPECIFICATIONS		
Code No.	Description	Application
GSXA-011-01	V Type Cross Arm	11 kV Lines 3Ø/1Ø Composite and 1Ø (Ph-N)/(Ph-Ph) type with or without earthwire
GSTH-011-01	Top Hamper	

Note: Flat Type FRP Cross Arms of 11 kV and 33 kV as per REC specifications and of 2' and 4' length with various pin configurations are available. Custom sizes are also available as per customer requirements.

FRP Straight Cross Arms (REC Design)

Features:

- Excellent insulation
- Lightweight and strong
- Special polymeric reinforcement provided as per REC specifications
- Anti-corrosive
- Ideal for any weather condition
- Made from advanced composite of plastics
- Extremely safe

RANGE & SPECIFICATIONS	
11 kV Cross Arm	
11 kV Top Hamper	
33 kV Cross Arm	
33 kV Top Hamper	



Note: Conforms with REC specifications. No. 40 Rev. 97 for 11 kV. No. 42 Rev. 97 for 33 kV.

FRP Fencing

Features:

- Non-conductive due to high dielectric strength
- Strong and durable
- Non-corrosive nature
- Termite proof and rotproof
- Aesthetic design
- Maintenance-free
- Fire retardant
- Zero resale value – pilfer proof



SMC Danger Notice Plates



RANGE & SPECIFICATIONS		
Code No.	Size (mm)	Applications
GSSH-2025-1.6	200 x 250	For 11 kV and HV installation
GSSH-1520-1.6	150 x 200	For 415 V and LV installation

Features:

- Excellent finish and dimensional consistency
- Excellent weather resistance
- Rustproof
- No fear of vandalism
- Withstands coastal and polluted atmosphere
- Withstands solar radiation
- Maintenance-free: SMC does not corrode, hence retains paint for longer duration
- Transparent weather resistant coating
- Pillar proof: zero resale value

Starter Panels for Agriculture Applications: Pumps and Motors

Features:

- Shockproof and rustproof
- Fire retardant
- Durable and lightweight
- Weatherproof
- Maintenance-free
- Suitable for housing, mini dol starter/star delta starter panel box along with ammeter, voltmeter, preventive devices and features

Range:

- Mini dol starter panel box
- Dol starter panel box
- Single phase starter panel box
- Three phase starter panel box
- Pump panel house (Custom sizes available for all)
- Star delta starter panel box



Catering to:

- Government bodies in the field of agriculture and irrigation
- Agriculture equipment manufacturers/suppliers and intermediates
- Farmers

LCS



Features:

- LCS (Local Control Station) with push buttons, selector switch, ammeter, voltmeter and emergency stop
- FRP enclosure with ingress protection
- Compact and excellent aesthetics
- Tamper proof
- Maintenance-free
- Shockproof and dustproof enclosure
- High mechanical strength
- Excellent electrical property and reliability
- 100% weatherproof and ideal for indoor and outdoor applications
- Fire retardant

Range:

- LCS with start/stop push buttons
- LCS with start/stop, auto/manual SS with ammeter and voltmeter
- LCS with customised application

Applications:

- Railways
- Steel plants
- Machines
- Industrial plants, etc.



Power Receptacles



Features:

- Single and multiple outlet boxes
- Range: 16/32/63/125 amp. rating with heavy duty plug and socket with protection of MCB/MCCB or SDF
- Available with or without protection
- Modular and compact construction
- Loop-in, loop-out facilities
- FRP enclosure with ingress protection
- Tamper proof and maintenance-free
- Shock and dust proof enclosure
- High mechanical strength
- Fire retardant
- Excellent electrical property and reliability
- 100% weatherproof, ideal for indoor and outdoor applications
- Option of backup protection with: a) MCBs b) SDFUs c) MCCBs

Application:

- Railways
- Steel plants
- Welding machines
- Industrial plants
- Infrastructure projects
- R&B, etc.

SMC Chequered Plates



Features:

- Durable and resistant to decay
- Maintenance-free
- High dielectric strength
- High life expectancy
- Easy to fix on floor
- Excellent insulation
- Anti-corrosive
- Can withstand the load of breaker trolleys without obstructing their movement
- Lightweight

RANGE & SPECIFICATIONS

Rating of Equipment	Recommended Thickness (mm)
3.3 kV	2.5
6.6 kV	2.5
11.0 kV	2.5
22.0 kV	2.5
33.0 kV	5.0
66.0 kV	5.0
EHT Switch Yard	10.0

SMC MCB Distribution Boards (DBs)

Features:

- Specially folded construction prevents access to water, insects and dust
- Specially folded cover allows hinges to be fitted such that they can't be opened once fitted (provision for concealed hinges for total security)
- Moulded plastic extension pieces for fixing on the walls
- Moulded-in louvers for ventilation
- Holes on sides for dissipation of heat
- Moulded-in projections for fixing MCB, switches, etc.



RANGE & SPECIFICATIONS

Code No.	Inside Dimensions (mm) H x W x D	Applications
GSDB-1510	155 x 100 x 60	4-way
GSDB-1816	185 x 160 x 60	8-way
GSDB-2818	208 x 185 x 60	12-way

SMC Trench Covers and Gratings

Features:

- Lightweight and strong
- Durable and resistant to decay
- Anti-corrosive
- Resistant to wear and tear
- Fire retardant
- Zero resale value, hence no problem of pilferage
- High life expectancy

RANGE & SPECIFICATIONS

Length (m)	1
Width (m)	0.3, 0.45, 0.6, 0.75, 0.9, 1, 1.2 respectively or as per order
Standard Colour	Grey

Note: Sinterex Trench Covers and Gratings are also supplied prefabricated with reinforcements of MS sections or FRP Pultruded sections to meet specific load applications.



SMC Sheets



Features:

- Excellent dielectric properties such as volume resistivity, surface resistivity, arc resistance and comparative tracking index
- Can withstand continuous temperatures up to 140°C
- Anti-corrosive and resistant to most acids, alkalis and chemicals
- Lightweight, strong, stiff and clean
- Non-hygroscopic and retains its dielectric properties even in high humidity
- Weatherproof
- Self-coloured
- Maintenance-free

RANGE & SPECIFICATIONS	
Size (m)	1 x 1
Standard Thicknesses (mm)	1.5, 2.5, 4, 6, 9, 12, 15
Material of Construction	Sheet Moulding Compound (SMC)
Custom Thicknesses on Large Requirements (mm)	From 1.5 to 15
Standard Colour	Off-white
Custom against Large Requirements	Other colours can be offered

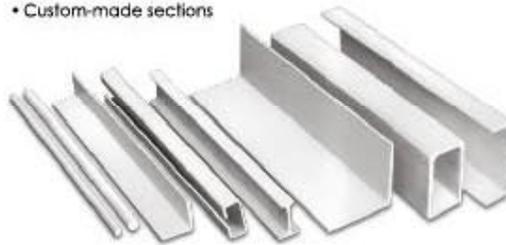
FRP Pultruded Sections

Features:

- High strength to weight ratio
- Corrosion-proof and resistant to most acids, alkalis and chemicals
- Suitable for all types of weather conditions
- Self-coloured and generally does not require painting
- Excellent electrical properties such as tracking resistance, high arc resistance and electrical insulation
- Poor conductor of heat and sound
- Stable in continuous operating in axial direction
- Lightweight, strong and durable
- Can be joined with mechanical fasteners or adhesives

Range:

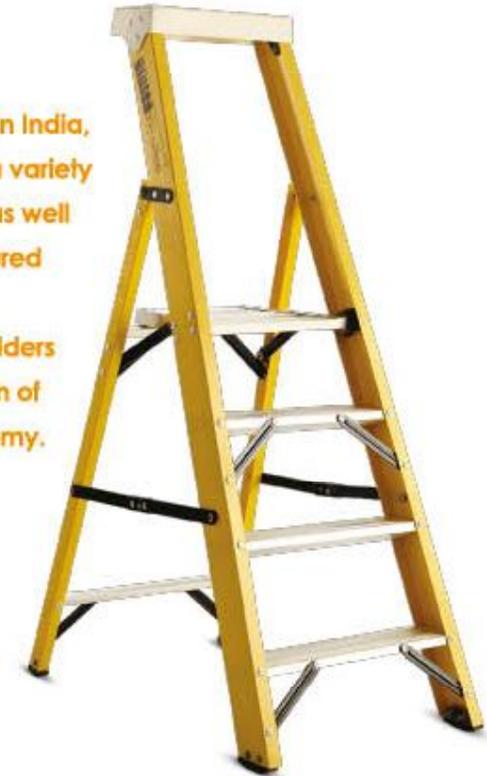
- Angles
- Rods
- 'C' Sections
- Hollow rectangular sections
- Custom-made sections
- Approximately 50 different sizes and shapes available to choose from
- 'I' sections



Note: Jobs for custom designed sections can be taken up. Specific resin system can be adapted against bulk requirements.

FRP Ladders

Introducing, for the first time in India, Sintex FRP Ladders that find a variety of applications in domestic as well as industrial units. Manufactured as per international OSHA specifications, Sintex FRP Ladders are an optimum combination of safety, elegance and economy.



Features:

- Compact and easy to carry
- Waterproof and rustproof
- Designed for optimum stability as per international OSHA and ANSI standards
- Shockproof
- Lightweight and strong
- Safe and durable

RANGE & SPECIFICATIONS		
Self-Support 'A' type	Wall Support	Extendable
6 feet (GPFL-060-01)	15 feet (GPFL-150-W5)	20 feet (GPFL-200-E5)
5 feet (GPFL-050-01)	18 feet (GPFL-180-W5)	40 feet (GPFL-400-E5)
4 feet (GPFL-040-01)	-	-
3 feet (GPFL-030-01)	-	-

FRP Cable Trays



Cable Trays are used to support power cables and control cables for indoor and outdoor applications. G.I./M.S. cable trays erode, corrode and spread heat, thus leading to power interruptions. Sintex FRP Cable Trays are safe, durable and cost-effective for routing and supporting cables. Manufactured as per NEMA/BIS consultants' specifications, Sintex FRP Cable Trays are available in the following varieties:

Ladder Type FRP Cable Trays:

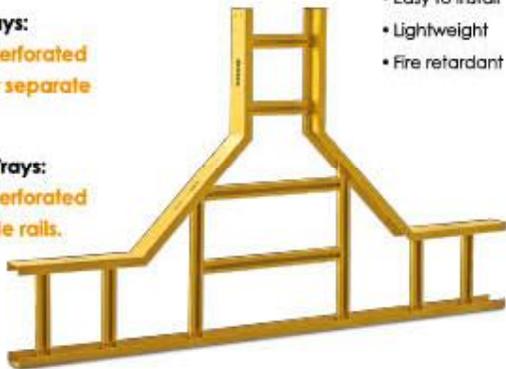
Two longitudinal side rails connected by rungs at regular interval.

Trough Type FRP Cable Trays:

Structures with a solid or perforated bottom, with integrated or separate longitudinal side rails.

Channel Type FRP Cable Trays:

Structures with a solid or perforated bottom with integrated side rails.



Features:

- Excellent weather resistance
- UV stabilised
- High load-bearing capacity
- Non-magnetic
- No corrosion and no chemical erosion
- Maintenance-free
- Easy to install
- Lightweight
- Fire retardant

FRP Battery Stands



Sintex Battery Stands are fabricated using FRP sections and polymeric hardware. Designs are available in both single row and double row, as well as in single tier and double tier. Dimensions and load-bearing members are selected to suit the battery. Sintex FRP Battery Stands are available for all types and all makes of batteries.

Features:

- Excellent dielectric strength, thereby eliminating leakage of current
- Not affected by termite and fungus attack
- Easy to clean and wash
- No warping
- Lightweight and strong
- Maintenance-free
- Resistant to battery acids
- Self-coloured

IP65/IP67 Enclosures

Electricals without a protective covering are not safe. It is important for them to have enclosures that are durable. This is why we, at Sintex, came up with enclosures made out of quality materials that provide utmost safety. Our enclosures ensure secure electricals every time.

Features:

- Degree of Protection – IP40, IP54, IP65, IP67
- Impact Strength – IK07 and IK08
- UV protected
- Made of long lasting plastic material
- Transparent doors with hinges opening up to 180 degrees for MCB DBs

1 Star: Enclosures for Sockets and Automatic Switches



RANGE & SPECIFICATIONS			
Model No.	Specifications	Protection and Colour Shade	Dimensions (H x W x D in mm)
STAR (MCB DBs WITH SOCKETS PROVISION)			
SIL-PCS12PT	1 x 12 modules with din rail (6 sockets provision)	IP65 with RAL7035	436 x 310 x 147
SIL-PCS12PT/RR*	1 x 12 modules with din rail (6 sockets provision)	IP65 with RAL7035	436 x 310 x 147
SIL-PCS18PT	1 x 18 modules with din rail (8 sockets provision)	IP65 with RAL7035	436 x 418 x 147
SIL-PCS18PT/RR*	1 x 18 modules with din rail (8 sockets provision)	IP65 with RAL7035	436 x 418 x 147

*T&C Apply

2 New Ecology: Distribution Enclosures



RANGE & SPECIFICATIONS			
Model No.	Specifications	Protection and Colour Shade	Dimensions (H x W x D in mm)
NEW ECOLOGY (MCB DBs WITH TRANSPARENT WINDOW)			
SIL-CDN4PT	1 x 4 modules with din rail	IP65 with RAL7035	231 x 166 x 113
SIL-CDN4PT/RR*	1 x 4 modules with din rail	IP65 with RAL7035	231 x 166 x 113
SIL-CDN6PT	1 x 6 modules with din rail	IP65 with RAL7035	231 x 202 x 113
SIL-CDN6PT/RR*	1 x 6 modules with din rail	IP65 with RAL7035	231 x 202 x 113
SIL-CDN8PT	1 x 8 modules with din rail	IP65 with RAL7035	231 x 238 x 118
SIL-CDN8PT/RR*	1 x 8 modules with din rail	IP65 with RAL7035	231 x 238 x 118
SIL-CDN12PT	1 x 12 modules with din rail	IP65 with RAL7035	246 x 310 x 148
SIL-CDN12PT/RR*	1 x 12 modules with din rail	IP65 with RAL7035	246 x 310 x 148
SIL-CDN18PT	1 x 18 modules with din rail	IP65 with RAL7035	286 x 418 x 148
SIL-CDN18PT/RR*	1 x 18 modules with din rail	IP65 with RAL7035	286 x 418 x 148
SIL-CDN24PT	2 x 12 modules with din rail	IP65 with RAL7035	436 x 310 x 148
SIL-CDN24PT/RR*	2 x 12 modules with din rail	IP65 with RAL7035	436 x 310 x 148
SIL-CDN36PT2F	2 x 18 modules with din rail	IP65 with RAL7035	436 x 418 x 148
SIL-CDN36PT2F/RR*	2 x 18 modules with din rail	IP65 with RAL7035	436 x 418 x 148
SIL-CDN36PT3F	3 x 12 modules with din rail	IP65 with RAL7035	586 x 310 x 148
SIL-CDN36PT3F/RR*	3 x 12 modules with din rail	IP65 with RAL7035	586 x 310 x 148
SIL-CDN54PT	3 x 18 modules with din rail	IP65 with RAL7035	586 x 418 x 148
SIL-CDN54PT/RR*	3 x 18 modules with din rail	IP65 with RAL7035	586 x 418 x 148

*T&C Apply

3 Light: Junction Boxes



RANGE & SPECIFICATIONS			
Model No.	Specifications	Protection and Colour Shade	Dimensions (H x W x D in mm)
LIGHT (JUNCTION BOX)			
SIL-EPO48	With conical cable gland	IP54 with RAL7035	Ø80 x 50D
SIL-EPO88	With conical cable gland	IP54 with RAL7035	84 x 84 x 50
SIL-EXO88	With premoulded cable entry	IP54 with RAL7035	84 x 84 x 50
SIL-EV111	With conical cable gland	IP65-67 with RAL7035	108 x 108 x 64
SIL-EX111	With premoulded cable entry	IP65-67 with RAL7035	108 x 108 x 64
SIL-EL111	With plain sides	IP65-67 with RAL7035	108 x 108 x 64
SIL-EV161	With conical cable gland	IP65-67 with RAL7035	116 x 162 x 76
SIL-EX161	With premoulded cable entry	IP65-67 with RAL7035	116 x 162 x 76
SIL-EL161	With plain sides	IP65-67 with RAL7035	116 x 162 x 76
SIL-EV171	With conical cable gland	IP65-67 with RAL7035	151 x 175 x 95
SIL-EX171	With premoulded cable entry	IP65-67 with RAL7035	151 x 175 x 95
SIL-EL171	With plain sides	IP65-67 with RAL7035	151 x 175 x 95
SIL-EV231	With conical cable gland	IP65-67 with RAL7035	180 x 241 x 95
SIL-EX231	With premoulded cable entry	IP65-67 with RAL7035	180 x 241 x 95
SIL-EL231	With plain sides	IP65-67 with RAL7035	180 x 241 x 95
SIL-EV322	With conical cable gland	IP65-67 with RAL7035	239 x 328 x 129
SIL-EX322	With premoulded cable entry	IP65-67 with RAL7035	239 x 328 x 129
SIL-EL322	With plain sides	IP65-67 with RAL7035	239 x 328 x 129

4 Oro: Flush-Fit Distribution Enclosures



RANGE & SPECIFICATIONS			
Model No.	Specifications	Protection and Colour Shade	Dimensions (H x W x D in mm)
ORO-FLUSH MOUNTED DBs (MC8 DBs WITH TRANSPARENT WINDOW)			
SIL-BM8PT	1 x 8 modules with din rail	IP40 with RAL9003	248 x 190 x 97
SIL-BM12PT	1 x 12 modules with din rail	IP40 with RAL9003	248 x 263 x 97



Miniature Circuit Breaker (MCB): SINB1

Features:

- Protection against overcurrent and short circuit
- Breaking capacity of 10 kA as per IEC-60898-1
- Positive isolation
- Low let-through energy-limitation Class-3
- Low power loss ensuring energy conservation
- On/Off Indication
- ISI and CE certification



SPECIFICATION	STANDARD	UNIT	IEC / EN 60898-1	UL 1077	
Electrical Features	Rated current In	A	2, 3, 4, 6, 10, 16, 20, 25, 32, 40, 50, 63	2, 3, 4, 6, 10, 16, 20, 25, 32, 40, 50, 63	
	Poles		1P, 1P+N, 2P, 3P, 3P+N, 4P	1P, 2P, 3P, 4P 1P, 2P	
	Rated voltage Ue	V	230 / 400-240 / 415	277 / 480 110 / 125	
	Insulation voltage Ui	V	500		
	Rated frequency		50 / 60 Hz DC		
	Rated breaking capacity Energy limiting class	A	6000 / 10000	5000	10000
	Rated impulse withstand voltage (1.2/50)Uimp	V	4000		
	Dielectric test voltage at ind. Freq. for 1 min.	kV	2		
	Pollution degree		2		
	Power loss per pole	V	Rated current (A)		Max. Power loss per pole (W)
2, 3, 4, 6, 10, 16, 20, 25, 32, 40, 50, 63				2 3.5 5	
Thermo magnetic release characteristic		C (5-10 in)			
Mechanical Features	Electrical life		4000		
	Mechanical life		20000		
	Contact position indicator		Yes		
	Protection degree		IP20		
	Reference temp. for setting of thermal element	°C	30		
Ambient temp. (with daily average ≤35°C)	°C	-5 to +40			
Storage temp.	°C	-25 to +70			
Installation	Terminal connection type		Cable / U-type busbar / Pin-type busbar		
	Terminal size top/bottom for cable	mm ²	25		
		AWG	18-4		
	Terminal size top/bottom for busbar	mm ²	10		
		AWG	18-8		
	Tightening torque	N m In-lbs	2.5 22		
Mounting		On din rail EN 60715 (35 mm) by means of fast clip device			
Connection	C	From top and bottom			
Combination with Accessories	Auxiliary contact		Yes		
	Shunt release		Yes		
	Under voltage release		Yes		
	Alarm contact		Yes		

OVERALL DIMENSIONS (MM)

Overall Dimensions (H x W x D)	FOR 1P	
	FOR 1P+N & 2P	86 x 18 x 78
	FOR 3P	86 x 36 x 78
	FOR 3P+N & 4P	86 x 54 x 78
		86 x 72 x 78

Residual Current Operated Circuit Breaker (RCCB): SINL1

Features:

- Protection against direct and indirect current
- Protects from fire and ensures safety
- Breaking capacity of 6 kA as per IEC-61008-1
- Trip indication
- ISI and CE certification



SPECIFICATION	STANDARD	UNIT	IEC/EN 61008-1
Electrical Features	Type (wave form of the earth leakage sensed)		AC, A, AC-G, A-G, AC-S, A-S
	Rated current I _n	A	25, 40, 63, 80, 100
	Poles		2P, 4P
	Rated Voltage U _e	V	230 / 400 - 240 / 415
	Rated Sensitivity I _{Δn}	A	0.03, 0.1, 0.3
	Insulation Voltage U _i	V	500
	Rated residual making and breaking capacity I _{Δm}	A	500(I _n =25A/40A), 1000(I _n =80A/100A) 630 (I _n =63A)
	Short circuit current I _{nc} =I _{ac}	A	6000 / 10000
	SCPD fuse	A	⇔10000
	Break time under I _{Δn}	A	<0.1 (normal type), 1.0ms-300ms(G type), 1.50ms-500ms (s type)
	Rated frequency	Hz	50 / 60
	Rated impulse withstand voltage (1.2/50) U _{imp}	V	6000
	Mechanical Features	Dielectric test voltage at ind. freq. for 1 min.	kV
Pollution Degree			2
Electrical life			2000
Mechanical life			2000
Fault current indicator			Yes
Protection degree			IP20
Ambient Temp. (with daily average ≤35°C)		°C	-5 to +40
Installation	Storage temp.	°C	-25 to +70
	Terminal connection type		Cable / U-type busbar / Pin-type busbar
	Terminal size top/bottom for cable	mm ²	25 / 35
		AWG	18-3 / 18-2
	Terminal size top/bottom for busbar	mm ²	10 / 16
		AWG	18-8 / 18-5
	Tightening torque	N m	2.5
	in-lbs	22	
Mounting		On din rail EN 60715 (35 mm) by means of fast clip device	
Connection		From top and bottom	

OVERALL DIMENSIONS (MM)

Overall Dimensions (H x W x D)	FOR 2P	86 x 36 x 79
	FOR 4P	

Isolator: SINH4



Features:

- Conforms with IS/IEC 60947-3
- Utilisation category AC-22A
- Available in 1P, 2P, 3P and 4P
- Ratings – 32A, 63A, 80A, 100A, 125A



SPECIFICATION	STANDARD	UNIT	IEC / EN 60947-3
Electrical Features	Rated voltage Ue	V	240 / 415
	Rated current In	A	32, 63, 80, 100, 125
	Rated frequency	Hz	50 / 60
	Rated impulse withstand Voltage (1.2/50) Uimp	V	4000
	Rated short-time withstand current ICW		12Ie, 1s
	Rated making and breaking capacity		3Ie, 1.05Ue, cosφ=0.65
	Rated short-circuit making capacity		20Ie, t=0.1s
	Dielectric test voltage at ind. freq. for 5s.	kV	2
	Insulation voltage Ui	V	500
	Pollution Degree		2
Utilisation category			AC-22A
Mechanical Features	Electrical Life		1500
	Mechanical Life		8500
	Protection degree		IP20
	Ambient temperature (with daily average ≤35°C)	°C	-5 to +40
	Storage Temperature	°C	-25 to +70
Installation	Terminal connection Type		Cable / pin-type busbar / U-type busbar
	Terminal size top/bottom for cable	mm ²	50
		AWG	18-1 / 0
	Terminal size top/bottom for busbar	mm ²	35
		AWG	18-2
	Tightening torque	N m	2.5
in-lbs		22	
Connection			From top and bottom

OVERALL DIMENSIONS (MM)

Overall Dimensions (H x W x D)	FOR 1P	86 x 18 x 74
	FOR 1P+N & 2P	86 x 36 x 77
	FOR 3P	86 x 54 x 77
	FOR 3P+N & 4P	86 x 72 x 77

LED Bulb: Sintex

Features:

- Energy savings of 85% compared to traditional bulbs
- Instant start and instant light
- No UV or IR radiation
- Environment-friendly
- Long life
- Convenient installation
- Low maintenance cost
- Elegant design
- Compatible with all electromagnetic and electronic transformers
- Base Type: B22 / E26 / E27
- Available in 3, 5, 7, 10, 12 and 15 Watts



TECHNICAL SPECIFICATIONS						
Model	SIL-B22-03W	SIL-B22-05W/ SIL-E27-05W	SIL-B22-07W/ SIL-E27-07W	SIL-B22-10W/ SIL-E27-10W	SIL-B22-12W/ SIL-E27-12W	SIL-B22-15W/ SIL-E27-15W
Name	LED Bulb					
Watt (W)	3.0W ±5%	5.0W ±5%	7.0W ±5%	10.0W ±5%	12.0W ±5%	15.0W ±5%
Input voltage	180-265 V AC					
CCT (K)	6500K ±300K					
Angle	270°					
CRI (RA)	>70%					
Lumen (lm)	270 lm	450 lm	630 lm	1000 lm	1200 lm	1500 lm
Waterproof (IP)	IP20					
Dimensions (mm)	Ø50 x 85 mm	Ø50 x 85 mm	Ø60 x 110 mm	Ø60 x 110 mm	Ø70 x 125 mm	Ø70 x 125 mm
Lifespan	35000 hours					
Base type	B22 / E26 / E27					
Weight (g)	40 g	40 g	80 g	80 g	123 g	123 g

LED Bulb: Reno

Features:

- Energy savings of 65% compared to traditional bulbs
- Lightweight and durable
- Quality tested
- Value for money
- Environment-friendly
- Instant start and instant light
- No UV or IR radiation
- Compatible with all electromagnetic and electronic transformers
- Base Type: B22 / E26 / E27
- Available in 3, 5, 7, 10, 12 and 15 Watts



TECHNICAL SPECIFICATIONS						
Model	REL-B22-03W	REL-B22-05W	REL-B22-07W	REL-B22-10W	REL-B22-12W	REL-B22-15W
Name	LED Bulb					
Watt (W)	3.0W ±5%	5.0W ±5%	7.0W ±5%	10.0W ±5%	12.0W ±5%	15.0W ±5%
Input voltage	180-265 V AC					
CCT (K)	6500K ±300K					
Angle	180°					
CRI (RA)	>70%					
Lumen (lm)	240 lm	400 lm	560 lm	800 lm	960 lm	1200 lm
Waterproof (IP)	IP20					
Dimensions (mm)	Ø45 x 78 mm	Ø55 x 93 mm	Ø60 x 108 mm	Ø70 x 120 mm	Ø80 x 135 mm	Ø80 x 135 mm
Lifespan	20000 hours					
Base type	B22 / E26 / E27					
Weight (g)	28 g	40 g	52 g	76 g	85 g	85 g

Industrial Plugs and Sockets



Features:

- Easy opening/closing system by clip
- IP67 watertight or IP44 splash proof
- Product Certified ENEC 03
- Safe and reliable power connection
- Excellent load carrying capability
- Easy and fast cabling
- Designed for use in extreme environments and aggressive atmospheres
- Available in 16 to 125 A

PRODUCT	MODEL NO.	SPECIFICATIONS	PROTECTION
Industrial plugs	SIL-13200	16A 220/240V 2P+E	IP44
Industrial plugs	SIL-13302	32A 380/415V 3P+E	IP44
Industrial plugs	SIL-13203	32A 220/240V 2P+E	IP44
Industrial plugs	SIL-13303	32A 380/415V 3P+N+E	IP44
Industrial plugs	SIL-14200	16A 220/240V 2P+E	IP67
Industrial plugs	SIL-14203	32A 220/240V 2P+E	IP67
Industrial plugs	SIL-14303	32A 380/415V 3P+N+E	IP67
Industrial plugs	SIL-14305	63A 380/415V 3P+N+E	IP67
Industrial plugs	SIL-14307	125A 380/415V 3P+N+E	IP67
Industrial sockets	SIL-23200	16A 220/240V 2P+E	IP44
Industrial sockets	SIL-23202	16A 220/240V 3P+N+E	IP44
Industrial sockets	SIL-23203	32A 220/240V 2P+E	IP44
Industrial sockets	SIL-24203	32A 220/240V 2P+E	IP67
Industrial sockets	SIL-24303	32A 380/415V 3P+N+E	IP67
Industrial sockets	SIL-24305	63A 380/415V 3P+N+E	IP67
Industrial sockets	SIL-24307	125A 380/415V 3P+N+E	IP67
Industrial sockets	SIL-23230	16A 220/240V 2P+E 10° angled	IP44
Industrial sockets	SIL-23233	32A 220/240V 2P+E 10° angled	IP44
Industrial sockets	SIL-23333	32A 380/415V 3P+N+E 10° angled	IP44
Industrial sockets	SIL-24230	16A 220/240V 2P+E 10° angled	IP67
Industrial sockets	SIL-24233	32A 220/240V 2P+E 10° angled	IP67
Industrial sockets	SIL-24333	32A 380/415V 3P+N+E 10° angled	IP67
Industrial sockets	SIL-24335	63A 380V 3P+N+E(435-6) 10° angled	IP67
Industrial sockets	SIL-24338	125A 380/415 3P+N+E 10° angled	IP67
Socket switched	SIL-26000	16A 220/240V 2P+E 50/60 Hz	IP67
Socket switched	SIL-26003	32A 220/240V 2P+E 50/60 Hz	IP67
Socket switched	SIL-26005	32A 380/415V 3P+N+E 50/60 Hz	IP67
Socket switched	SIL-25007	63A 380/415V 3P+N+E	IP67