

SMC ELECTRICAL SOLUTIONS

BUILT TO PROTECT. DESIGNED TO LAST





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ABOUT WELSPUN WORLD

Rising to the power of Infinite Possibilities.

Welspun world has successfully made its mark across businesses such as home textiles, advanced textiles, flooring solutions, retail, infrastructure, building materials, warehousing, line pipes, DI pipes, stainless steel & alloy, pig iron, TMT rebars and more.

Presence in more than
50 countries

\$5 billion
turnover

40,000 +
employees across
global locations

Global capacity with
state-of-the-art technology
& **modern information**
technology in India,
USA, KSA and beyond

ABOUT SINTEX

Built on trust, engineered for tomorrow.

For over 50 years, Sintex has been a cherished name in water storage across India, trusted by generations to safeguard every precious drop. A legacy built on reliability and innovation, Sintex continues to lead with cutting-edge technology, ensuring homes and businesses have access to the highest standards of water safety—today and for years to come.

Leading water storage
brand in India for over
50 years

Industry leaders
recognised as
category creators
and pioneers with
exceptional quality
and motivation

Offering tanks
from **200 liters to**
2 Million litres



SMC JUNCTION BOXES

Sintex SMC Junction Boxes offer superior durability and protection for electrical connections. Made from shockproof, rustproof, and rotproof materials, these boxes are designed to withstand harsh environmental conditions.

With cable entry possibilities from the bottom and sides, they provide flexible installation. They are 100% weatherproof, tamper-proof, and pilferage-proof, ensuring security and preventing unauthorized access.

Maintenance-free and fire retardant (Class FV-O or V-O), these junction boxes are ideal for pole mounting and can endure high temperatures up to 250°C, making them a reliable and safe choice for outdoor and industrial applications.

FEATURES

- Shockproof and rustproof
- Rotproof and termite resistant
- Flexible cable entry
- 100% Weatherproof
- Tamper-proof design
- Pilferage-proof
- Maintenance-free
- Fire retardant
- High heat resistance
- Pole mounting capability



RANGE & SPECIFICATIONS

Code No.	Inside Dimensions (mm) HxWxD	Application
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 FTL/CFL based lighting system for pedestrian/pathway illumination
GSJB-2014	200 x 140 x 95	
GSJB-2817	240 x 130 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 applications
GSJB-2520	250 x 200 x 105	
GSJB-3020[1] (right hinged)	300 x 200 x 105	
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	



GSJB-1414



GSJB-2014



GSJB-2520



GSJB-3020[1] (right hinged)

GSJB-3016-T

GSJB-1510-R

Code No.	Internal Dimensions (mm) HxWxD	Applications
DOUBLE HINGED DOOR		
GSJB-3425	340 x 250 x 138	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
GSJB-3923	395 x 235 x 150	Pole Mounted Junction Box, PWD, CPWD, institutional applications
GSJB-3527	350 x 270 x 200	Agricultural Motor starter panel, EV Charging station applications
GSJB-3126	270 x 225 x 135	Electrical and hydraulic instruments, cut-outs, controls and switchgear
GSJB-3750	350 x 490 x 130	Pole Top DB
GSJB-10069-D-LID	1000 x 690 x 300	Electrical control and switchgear items such as MCCB, fuse, isolator and busbar distribution box
SINGLE HINGED DOOR		
GSJB-5345	530 x 450 x 175	Agricultural Motor starter panel
GSJB-3923	395 x 235 x 150	Pole Mounted Junction Box, PWD, CPWD, institutional applications
GSJB-5030	500 x 300 x 230	Cut-out / MCB / Busbar, CTs, Modem based in said system of Industrial, PWD, CPWD, Railway, Jio Tower, EV Charging station applications
GSJB-6050	580 x 500 x 250	Single phase Distribution box
GSJB-7450	688 x 483 x 210	Electrical control and switchgear items such as MCCB, fuse, isolator and busbar distribution box
GSJB-10069-S-LID	1000 x 690 x 220	Electrical control and switchgear items such as MCCB, fuse, isolator and busbar distribution box
GSJB-4537-PARM	450 x 375 x 200	Agricultural motor starter panel
THREE HINGED DOOR		
GSJB-4030	400 x 300 x 190	3 phase service connection distribution box/ABC distribution box
FOUR HINGED DOOR		
GSJB-6535	650 x 350 x 250	Busbar chamber box
GSJB-5728	570 x 280 x 220	High-capacity distribution box/ABC distribution box



GSJB-3527



GSJB-10069-D-LID



GSJB-5345



GSJB-6050



GSJB-7450



GSJB-4537-PARM

Introducing

Sintex SAFE CASE

Reliable Electrical Protection with IP65 Sealing



FEATURES

- Made out of (thermosetting plastic) sheet moulding compound by the process of hot press compression moulding conforming to IS: 13410
- SMC base or door shall not soften or bend on heating
- Door fitted to base by door closing bolts
- Color: Grey / Off-white



Code No.	Internal Dimensions (mm) HxWxD	Applications
GSJB-1111 (IP-65)	116 x 116 x 80	Ideal for wire terminations, connectors, and cable joints / Suitable for mounting sensors, relays, terminal blocks, and PCBs / Internal stand-offs support easy PCB or small component installation / Perfect for outdoor electrical points, CCTV junctions, and lighting connection / Protects small control circuits in machines and equipment / Supports / Excellent for custom electronics and prototype builds needing environmental protection. Switches Small power supplies AMR / IoT / PLC communication modules Sensor modules
GSJB-2520 (IP-65)	250 x 200 x 105	Safe housing for wire joints, cable terminations, and connectors / Suitable for mounting / Internal space supports PCBs or small electronic circuits / Ideal for outdoor use / Protects control wiring & monitoring devices inside machines / Reliable in harsh environments due to sealed design
GSJB-3530 (IP-65)	290 x 240 x 150	Gasket ensures suitability for / Suitable for Installing / Protection for Internal Components Against / Commonly Used For / Can Also Enclose
GSJB-4025 (IP-65)	400 X 250 X 125	Suitable for / Protection for / Common usage in / Ideal for enclosing / Potential use cases

GSJB-1111 (IP-65)	GSJB-2520 (IP-65)
GSJB-3530 (IP-65)	GSJB-4025 (IP-65)

SMC METER BOXES

Sintex SMC Meter Boxes are designed to provide durable and secure housing for water, electricity, and gas meters.

Made from a single-piece moulded construction, they are shockproof, pilferage-proof, and weatherproof, ensuring long-lasting performance in any environment. Featuring concealed metal hinges, internal mounting screws, and metal hardware for wire seals, these boxes offer enhanced security and protection against tampering.

Lightweight yet strong, they provide adequate space for meter installation and are maintenance-free, offering a cost-effective, reliable solution for various applications.

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) HxWxD	Description
SINGLE HINGED DOOR		
GSMB-2520	250 x 200 x 105	L.T. 1 phase kWh
GSMB-2522	250 x 220 x 135	
GSMB-2525	250 x 250 x 155	
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
GSMB-3525	350 x 250 x 150	
GSMB-3527	350 x 270 x 200	
GSMB-3726	325 x 220 x 150	
GSMB-3920	390 x 200 x 105	
GSMB-3923	380 x 225 x 140	L.T. 3 phase static kWh
GSMB-3727	370 x 270 x 210	
GSMB-4030	400 x 300 x 190	L.T. 3 phase kWh
GSMB-4537	450 x 375 x 200	Multi-meter box for housing 4 nos. 1 phase meters and 3 nos. 3 phase meters
GSMB-5345	530 x 450 x 175	
GSMB-5030	500 x 300 x 230	Meter and modem box
GSMB-5431	540 x 310 x 200	
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 690 x 215	Multi-meter box housing 10, 12, 16 nos. 1 phase meters and 6, 9 nos. 3 phase meters



GSMB-2525

GSMB-3428

GSMB-3527



GSMB-4030

GSMB-5030

GSMB-10069

RANGE & SPECIFICATIONS		
Code No.	Internal Dimensions (mm) HxWxD	Description
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	
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	
GSMB-6535-II	650 x 350 x 255	
GSMB-7627	760 x 270 x 170	
GSMB-8135	810 x 350 x 230	
GSMB-8535	850 x 350 x 250	L.T. kWh/TVM with fuses/CTs/TTB
GSMB-9035	900 x 350 x 250	
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	
GSMB-3428	340 x 285 x 120	1 phase kWh (electronic)
GSMB-3833	384 x 334 x 125	3 phase electronic kWh
GSMB-3727	370 x 270 x 210	
GSMB-3727-1	370 x 270 x 145	



GSMB-4422



GSMB-5628



GSMB-6535



GSMB-7627



GSMB-8535



GSMB-7450

SMC DISTRIBUTION BOXES

Sintex SMC Distribution Boxes are designed to provide robust protection for electrical components, both indoors and outdoors.

Made from durable materials, these boxes are shockproof, rustproof, rotproof, and termite-resistant, ensuring long-lasting performance in any environment. With a high heat distortion temperature of 200°C, they can handle extreme conditions.

The fire-retardant design (Class FV-0 or V-0) enhances safety, while the sleek, weatherproof construction ensures reliability in all weather. These boxes offer an elegant appearance, making them suitable for a variety of installations without compromising on functionality or safety.

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.	Internal Dimensions (mm) HxWxD	Description
SINGLE HINGED DOOR		
GSDB-3020	295 x 195 x 100	1 phase service connection distribution box, fuse box
GSDB-3126	270 x 225 x 135	Electrical and hydraulic instruments, cut-outs, controls and switchgear
GSDB-3428	340 x 285 x 120	Fuse box
GSDB-3525	350 x 250 x 150	
GSDB-3527	350 x 270 x 200	
GSDB-3726	325 x 220 x 150	
GSDB-3750	345 x 480 x 135	Pole top DB
GSDB-3920	390 x 200 x 105	Fuse box
GSDB-3727	370 x 270 x 210	Busbar chamber box
GSDB-4030	400 x 300 x 190	3 phase service connection distribution box/ABC distribution box
GSDB-5431	540 x 310 x 200	
GSDB-5728	570 x 280 x 220	Busbar chamber box
DOUBLE HINGED DOOR		
GSDB-4422	430 x 215 x 150/120	Control terminal box, fuse box
GSDB-4422-1	430 x 215 x 150/120	
GSDB-5628	505 x 240 x 150	Busbar chamber box
GSDB-5628-I	505 x 240 x 150	
GSDB-5628-II	505 x 240 x 265/150	
GSDB-6050	600 x 500 x 250	1 phase distribution box
GSDB-6535	650 x 350 x 250	Busbar chamber box
GSDB-6535-I	650 x 350 x 210	
GSDB-6535-II	650 x 350 x 255	
GSDB-7450	700 x 480 x 210	Electrical control and switchgear items such as MCCB, fuse, isolator and busbar distribution box
GSDB-10069	1000 x 690 x 300	
GSDB-11569	1150 x 690 x 350	
GSDB-120110	1200 x 1100 x 400	With canopy + front and back (optional) doors and pedestal (optional) TNEB mini and UGVCLFSP

GSDB-3020

GSDB-3750

GSDB-5431

GSDB-4422

GSDB-6535

GSDB-11569

SMC DISTRIBUTION PILLAR BOXES

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 as cattle due to insulated body

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 kit-kats, HRC fuses, 1 p / 3 p MCCB and switch disconnecter/switch fuse disconnecter etc. to suit the clients' requirements.



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

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



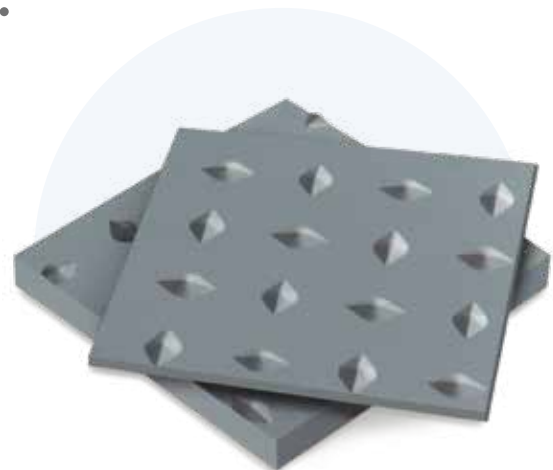
RANGE & SPECIFICATIONS

Size (m)	1 x 1, 1.2 x 1.2
Standard thicknesses (mm)	4, 6, 9, 12, 15, 20, 25
Material of construction	Sheet moulding compound (SMC)
Custom thicknesses on large requirements (mm)	From 1.5 to 25
Standard colour	Off-white
Custom against large requirements	Other colours can be offered

SMC CHEQURED PLATES

FEATURES

- Durable
- Maintenance-free
- High dielectric strength
- Easy to fix on floor
- Anti-corrosive
- Can withstand the load of breaker trolleys without obstructing their movement
- Lightweight



RANGE & SPECIFICATIONS

Size (m)	1 x 1
Standard thickness (mm)	2.5, 5, 8, 10, 12, 15
Material of construction	Sheet moulding compound (SMC)
Custom thickness on large requirements (mm)	2.5 to 15
Standard colour	Smoke grey
Custom against large requirements	Other colours can be offered

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



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.

RANGE & SPECIFICATIONS

Code No.	Description	Application
GSXA-011-01	V Type Cross Arm	11 kV Lines 30/10 Composite and 10 (Ph-N)/(Ph-Ph) type with or without earthwire
GSTH-011-01	Top Hamper	

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



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

RANGE & SPECIFICATIONS

11 kV Cross Arm
11 kV Top Hamper 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
- Theft proof



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.

- **Channel Type FRP Cable Trays**

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

- **Perforated Type FRP Cable Trays**

Structures with a solid or perforated bottom, with integrated or separate longitudinal 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



NOTES



**SCAN QR CODE
TO KNOW MORE**

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