

electrifying spaces

PRODUCT
CATALOGUE **2021**



The Definitive
Companion for any
Applications



Wattcab Electrical Solutions (under the brand name of Wattera Industries Pvt.Ltd) has over 35 years of valuable experience and expertise in the field of trading & manufacturing of switchgear products, Luminaries both for the industrial as well as the decorative and commercial application. Being one of the D.K. Group of companies, the founder members are highly experienced not only in manufacturing but also have immense amount of experience in sales and marketing . It has a proven track record of innovating new products and positioning them across industries PAN India. As today's industry demands sharply rising, energy - efficient , user and environment friendly industrial Products Industries plays a vital role in providing advanced technology products. Wattcab is a linking bridge between the customers' voice and the Industrial / Domestic Products that it offers.

The extensive product portfolio includes For Modular Switches, Modular Enclosures, Distribution Systems, Plug And Socket, Busbar Chamber / Changeover Switches/ Switch Fuse Unit, Cable Glands and Cable Trays Etc.

With a self - owned manufacturing facility of unit admeasuring 18000 square feet, in Vasai (Palghar District) in Maharashtra, India, & plug & socket manufacturing division in chennai (Electrical Power Innovations) Wattcab Electrical Solutions is poised for exponential growth not only with respect to the turnover but also in terms of developing and marketing more and more environment friendly, energy-saving Industrial/Domestic products using the green technology and solutions.

Certifications

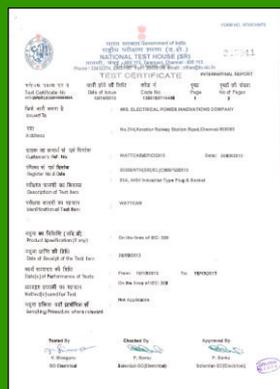


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GI METAL, POLYCARBONATE PVC AND SURFACE MOUNTING BOXES

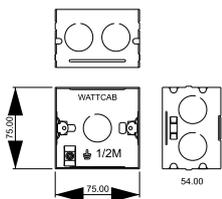
Metal Boxes

GI Concealed

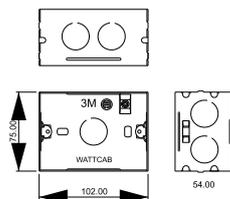


Key Features

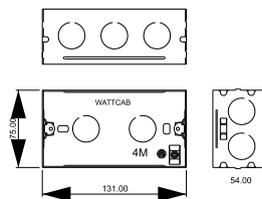
- Metal thickness - 1 mm
- Pre Galvanized 120gsm sheets
- Fabricated Folding design
- Earthing terminals for making it shock proof



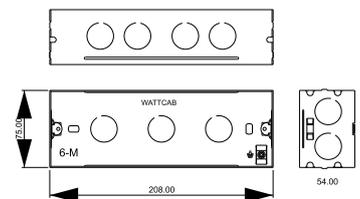
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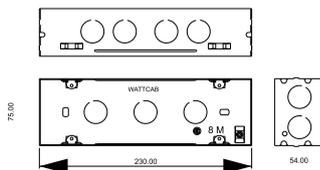
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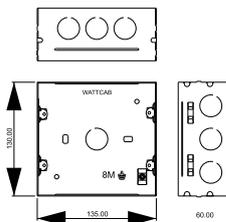
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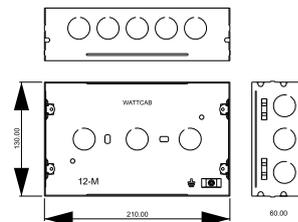
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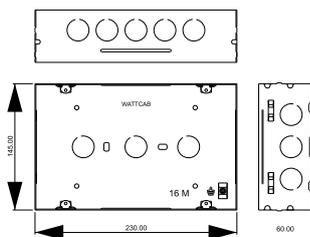
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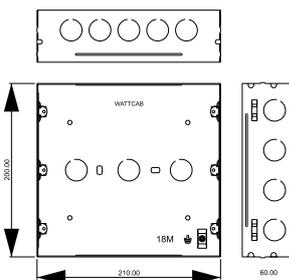
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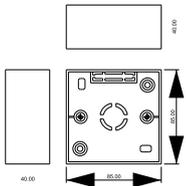
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Polycarbonate Boxes Surface Mounted

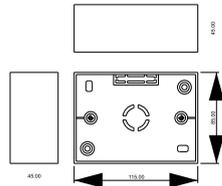


Key Features

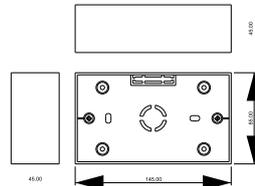
- Solid and Durable
- Weather Resistant



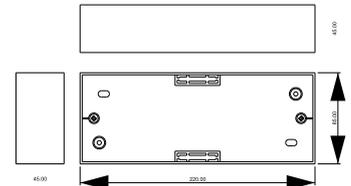
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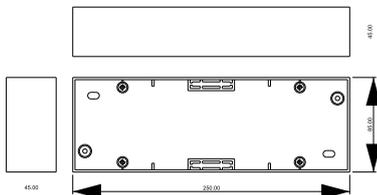
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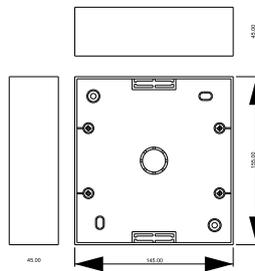
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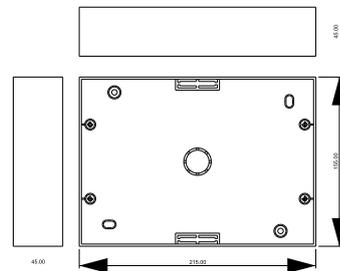
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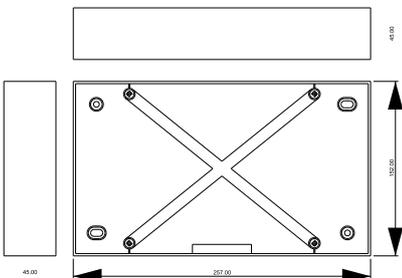
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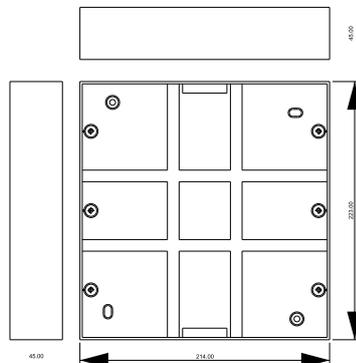
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WPSB16M
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WFMB18M
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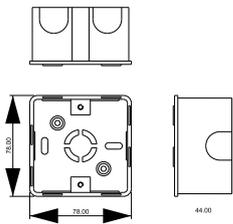
PVC Boxes

High Impact Concealed

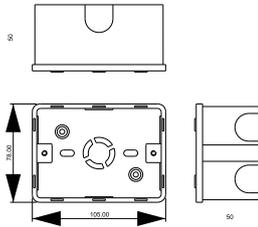


Key Features

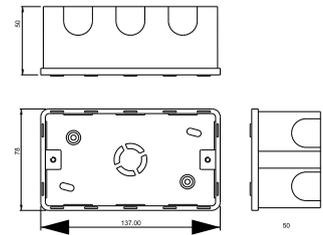
- Solid and Durable
- Weather Resistant



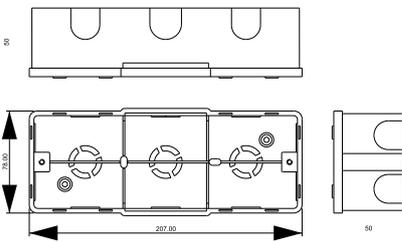
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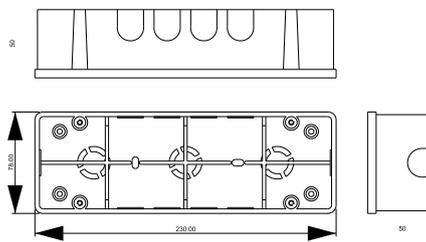
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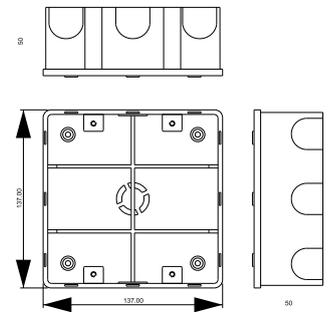
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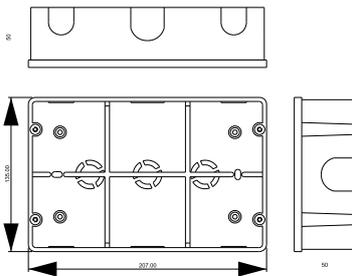
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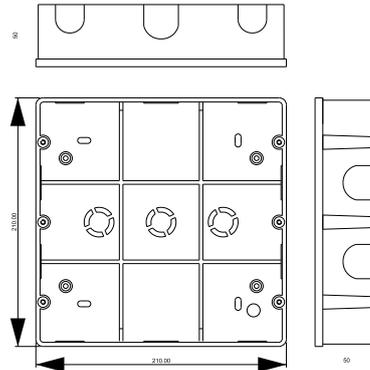
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WPCB8M
512310



WPCB12M
512312



WPCB18M
512318

Modular Boxes

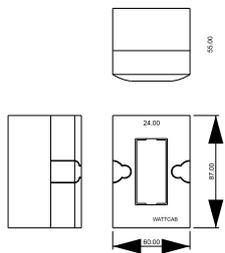
Surface Mounting

Surface Boxes with Modular Plate

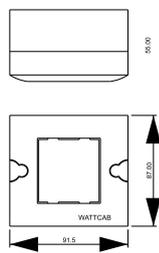


Key Features

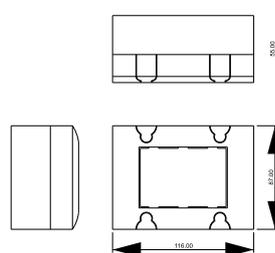
- Solid and Durable
- Weather Resistant



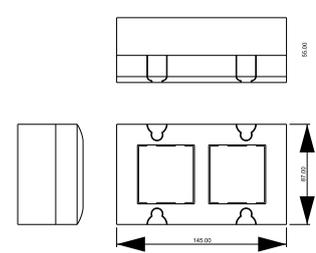
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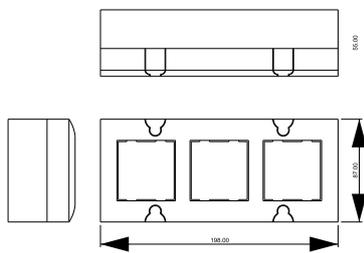
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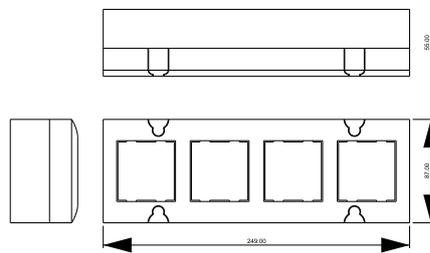
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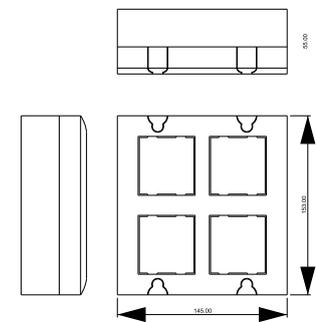
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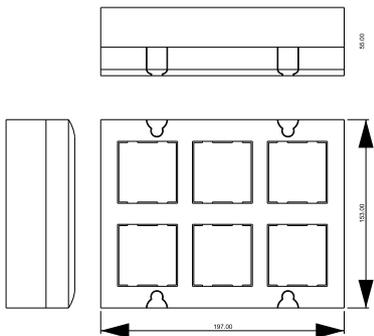
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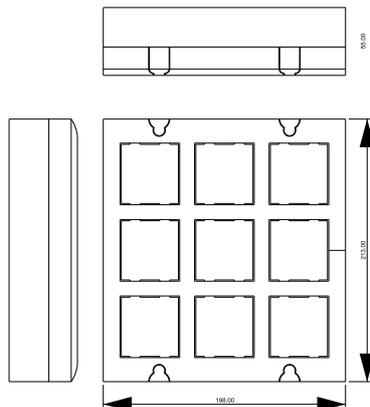
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WSMB8M
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WSMB12M
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WSMB18M
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DISTRIBUTION BOARD & ENCLOSURES

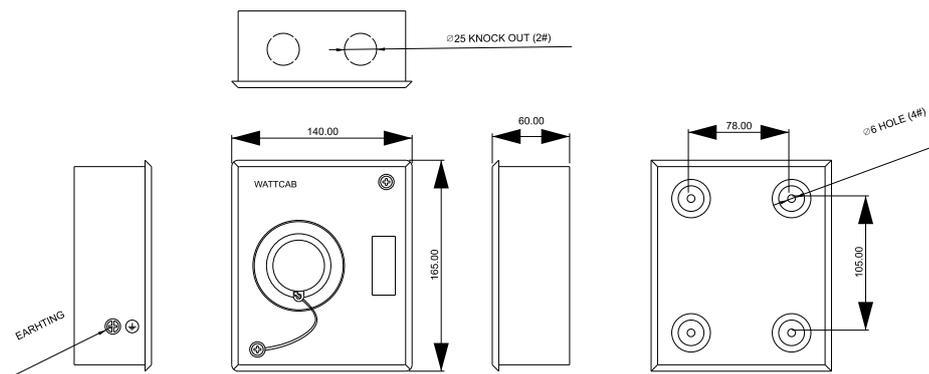
Plug Socket Distribution Board

Incorporating MCB



Key Features

- Non-corroding with robust aluminium die-cast structure for smooth plugging and easy wiring
- Plug tops are designed with special care for avoidance of finger contact with plug pins and contact tubes in sockets
- Suitable for any Domestic, Commercial and industrial applications



Note: The structural dimensions of above fig. from 521310-521315 is same.
The dimensions of 521318 & 521320 will be available on request

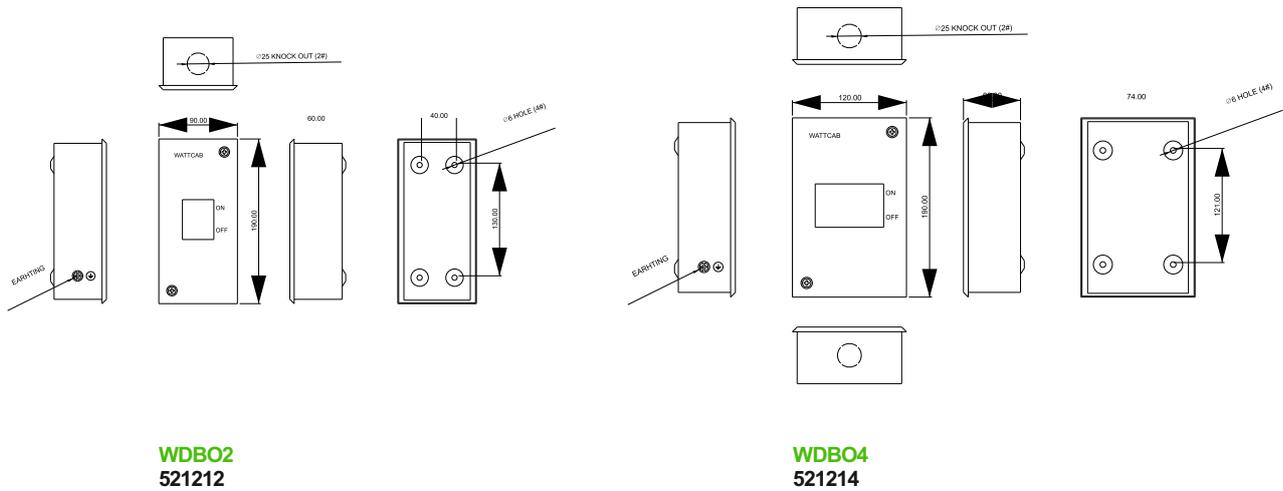
CAT NO	DESCRIPTION
521310	SPN 10A 2P+E incorporating SP MCB
521311	SPN 10A 2P+E incorporating DP MCB
521312	SPN 20A 2P+E incorporating SP MCB
521314	SPN 20A 2P+E incorporating DP MCB
521315	TPN 20A 3P+E incorporating TP MCB
521318	TPN 30A 3P+E incorporating TP MCB
521320	TPN 63A 3P+E+N incorporating FP MCB

MCB Enclosure Metal Sheet



Key Features

- Non-corroding casting
- High strength tensile
- Tough, Standard and Durable
- Suitable for any Domestic, Commercial and industrial applications



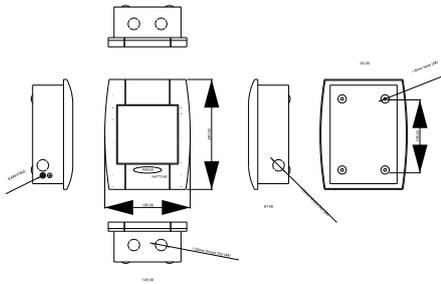
CAT NO	DESCRIPTION
521212	2 Pole
521214	4 Pole

Acrylic MCB DB with Transparent Cover

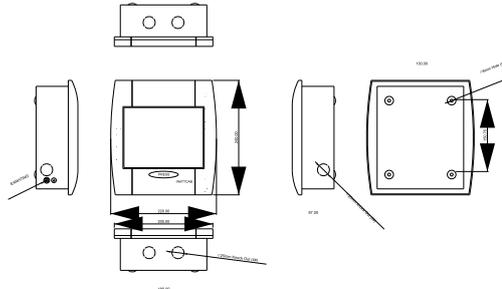


Key Features

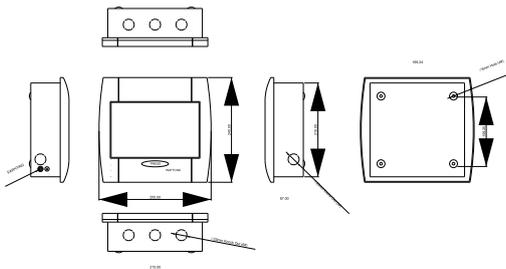
- Ivory glossy finish
- High strength tensile
- Tough, Standard and Durable
- Suitable for any Domestic, Commercial and applications



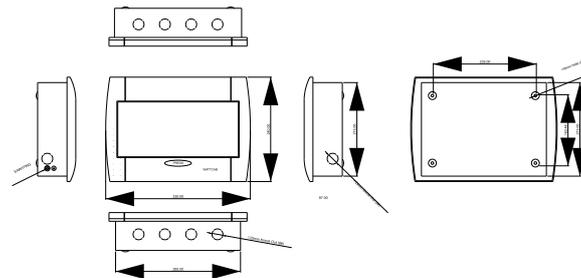
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521404



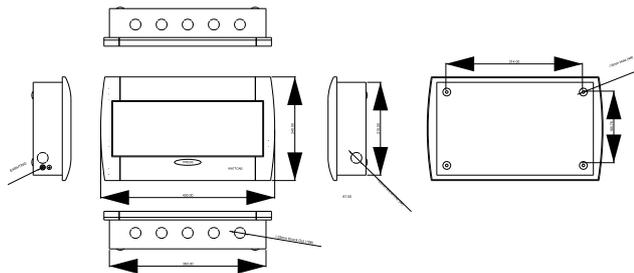
WDBACO6
521406



WDBACO8
521408



WDBAC12
521412



WDBAC16
521416

CAT NO	DESCRIPTION
521404	4 WAY SPN
521406	6 WAY SPN
521408	8 WAY SPN
521412	12 WAY SPN
521416	16 WAY SPN

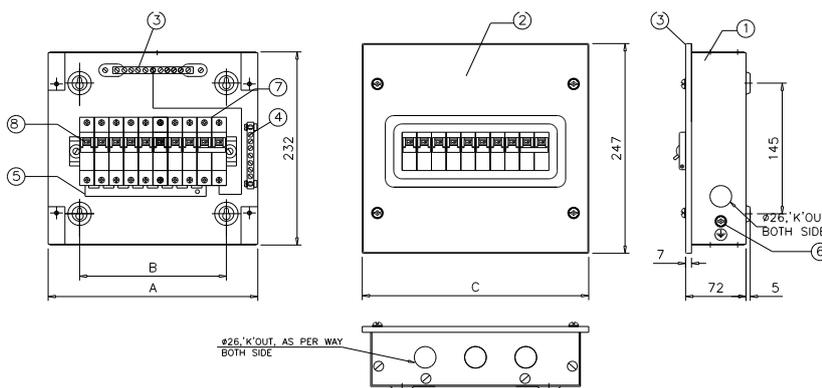
SPN Distribution Board

Single Door with Busbar & Neutral link



Key Features

- Material thickness 1mm (CRCA Sheet)
- Degree of protection IP 30
- Detachable Gland Plate at Top and Bottom side
- General Tolerance ± 2 mm



1. Box with Gland Plate
2. Shield
3. N, BAR 10x8 Brass
4. Earth Bar Brass 9x7
5. 1.5mm Thickness Plain Busbar
6. Earthing Screw

WAY	CAT NO	A	B	C	TOP & BOTTOM
4	521504	135	60	150	2 NOS
6	521506	170	95	185	2 NOS
8	521508	205	130	220	3 NOS
12	521512	275	200	290	4 NOS
16	521516	350	275	365	5 NOS

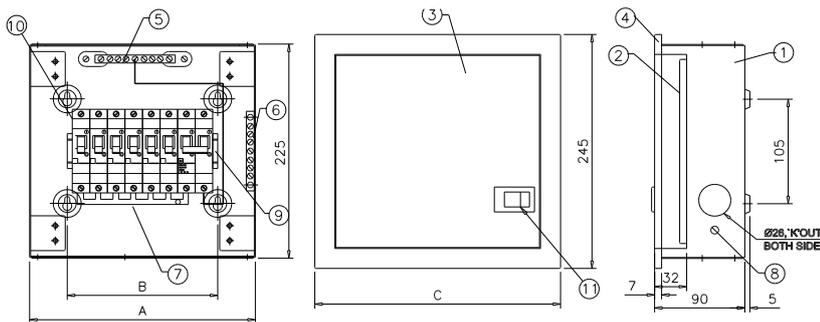
SPN Distribution Board

Double Door with Busbar & Neutral link



Key Features

- Material thickness 1mm (CRCA Sheet)
- Degree of protection IP 42
- Detachable Gland Plate at Top and Bottom side
- Outer Dimensions Tolerance ± 2 mm
- General Tolerance ± 2 mm



1. Box with Gland Plate
2. Shield
3. N, BAR 10x8 Brass
4. Earth Bar Brass 9x7
5. 1.5mm Thickness Plain Busbar
6. Earthing Screw

WAY	CAT NO	A	B	C	TOP & BOTTOM
4	521614	155	90	175	2 NOS
6	521616	175	100	195	2 NOS
8	521618	210	135	230	3 NOS
12	521622	285	210	305	4 NOS
16	521626	365	295	385	5 NOS

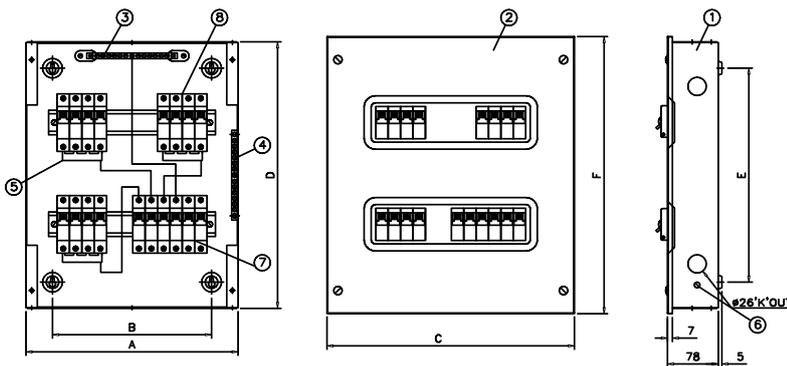
TPN Distribution Board

Single Door with Busbar & Neutral link



Key Features

- Material thickness 1mm (CRCA Sheet)
- Degree of protection IP 30
- Detachable Gland Plate at Top and Bottom side
- General Tolerance ± 2 mm



1. Box with Gland Plate
2. Shield
3. N, BAR 10x8 Brass
4. Earth Bar Brass 9x7
5. 1.5mm Thickness Plain Busbar
6. Earthing Screw
7. As per way
8. As per way

WAY	CAT NO	A	B	C	D	E	F	INCOMER MCB	25 K'OUT	25 K'OUT	32 K'OUT
									TOP	BOTTOM	BOTTOM
4	521734	295	220	310	380	305	395	6 MODULE	4 NOS	3 NOS	1 NO.
6	521736	330	255	345	380	305	395	6 MODULE	5 NOS	4 NOS	1 NO.
8	521738	460	385	475	415	305	430	6 MODULE	7 NOS	6 NOS	1 NO.
12	521742	On request									

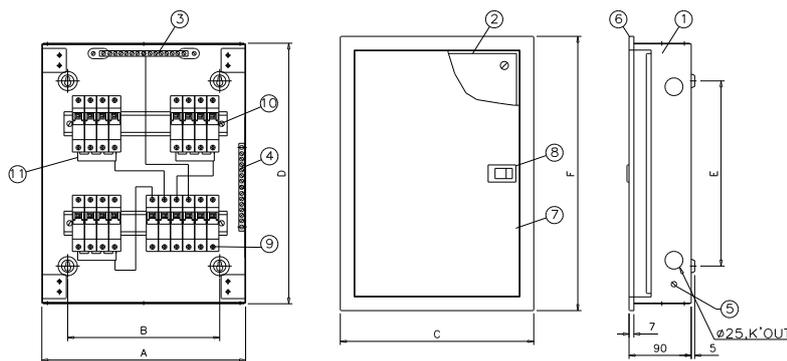
TPN Distribution Board

Double Door with Busbar & Neutral link



Key Features

- Material thickness 1mm (CRCA Sheet)
- Degree of protection IP 42
- Detachable Gland Plate at Top and Bottom side
- General Tolerance ± 2 mm



1. Box
2. Shield
3. N, BAR 10x8 Brass
4. Earth Bar Brass 9x6
5. Earthing stud 2nos
6. Frame
7. Door
8. Knob
9. I/C 6/8 module MCB - 1 NO
10. O/G SP MCB - As per way
11. 1.5mm thickness copper busbar

WAY	CAT NO	A	B	TOP & BOTTOM	I/C	D	E	F	K'OUT		
									25 K'OUT TOP	25 K'OUT BOTTOM	32 K'OUT BOTTOM
4	521844	295	220	2 NOS	6 POLE	380	270	400	4 NOS	3 NOS	1 NO.
6	521846	330	255	2 NOS	6 POLE	380	270	400	5 NOS	4 NOS	1 NO.
8	521848	425	350	3 NOS	8 POLE	415	305	435	6 NOS	5 NOS	1 NO.
12	521852	600	525	4 NOS	6 POLE	380	270	400	9 NOS	8 NOS	1 NO.

25 K'OUT (LH & RH SIDE) - 2NOS



**SINGLE &
DOUBLE COMPRESSION
CABLE GLANDS**

Single Compression

Brass Cable Gland



CAT NO	DIMENSIONS (in inch)	DESCRIPTION
551101	1/2"	8-12.5 Dia
551102	5/8"	10-14 Dia
551103	3/4"	15-17 Dia
551104	7/8"	17-19 Dia
551105	1"	19-22 Dia
551106	1 1/8"	22-26 Dia
551107	1 1/4"	26-30 Dia
551108	1 3/8"	30-34 Dia
551109	1 1/2"	34-38 Dia
551110	1 3/4"	38-43 Dia
551111	2"	43-49 Dia
551112	2 1/4"	49-54 Dia
551113	2 1/2"	54-61 Dia
551114	2 3/4"	61-67 Dia
551115	3"	67-73 Dia
551116	3 1/4"	73-79 Dia
551117	3 1/2"	79-84 Dia
551118	4"	84-94 Dia
551119	4 1/2"	94-105 Dia

Double Compression

Weather Proof Brass Nickel Plated Cable Gland



CAT NO	DESCRIPTION
552130	6-12.5 Dia
552131	12.5-14 Dia
552132	16.5-18.5 Dia
552133	18.5-20 Dia
552134	20-23 Dia
552135	23-26 Dia
552136	26-30 Dia
552137	30-33 Dia
552138	33-37 Dia
552139	37-41 Dia
552140	41-46 Dia
552141	46-52 Dia
552142	52-61 Dia
552143	61-66 Dia
552144	66-72 Dia
552145	78-84 Dia
552146	84-94 Dia
552147	94-104 Dia

Single Compression

Brass Cable Gland



CAT NO	DESCRIPTION
553150	12.5-16.5 Dia
553151	16.5-19 Dia
553152	19-21 Dia
553153	21-24 Dia
553154	24-30 Dia
553155	30-33 Dia
553156	33-35 Dia
553157	35-38 Dia
553158	38-41 Dia
553159	41-46 Dia
553160	46-52.5 Dia
553161	52.5-60 Dia
553162	60-67 Dia
553163	67-76 Dia
553164	76-90 Dia

Double Compression

Flame Proof Brass
Cable Gland



CAT NO	DESCRIPTION
554060	6-12.5 NE 0.5"
554061	12.5-16.5 NE 3/4"
554062	16.5-18.5 NE 3/4"
554063	18.5-20 NE 1"
554064	20-23 NE 1"
554065	23-26 NE 1"
554066	23-26 NE 1 1/4"
554067	26-30 NE 1 1/4"
554068	30-33 NE 1 1/2"
554069	33-37 NE 1 1/2"
554070	37-41 NE 2"
554071	41-46 NE 2"
554072	46-52 NE 2"
554073	52-61 NE 2 1/2"
554074	61-66 NE 3"
554075	66-72 NE 3"
554076	78-84 NE 3 1/2"
554077	84-94 NE 4"
554078	94-104 NE 4 1/2"

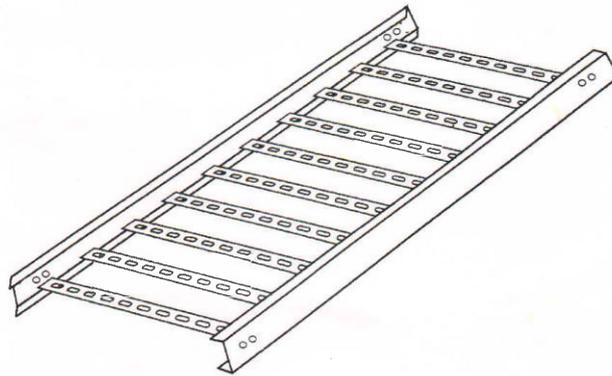


CABLE TRAYS TRUNKING & ACCESSORIES

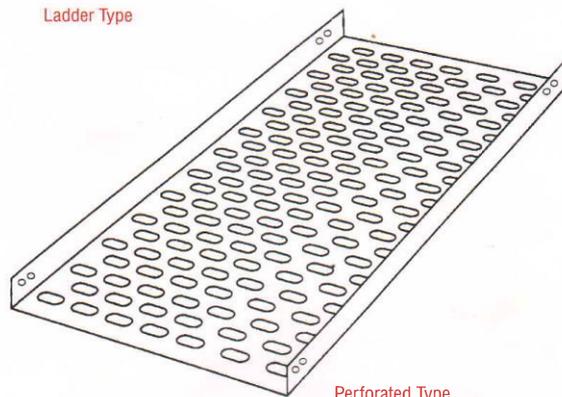


Key Features

- Safe and shock proof
- Design to manage heavy cable wires
- Non corrosive and Maintenance free



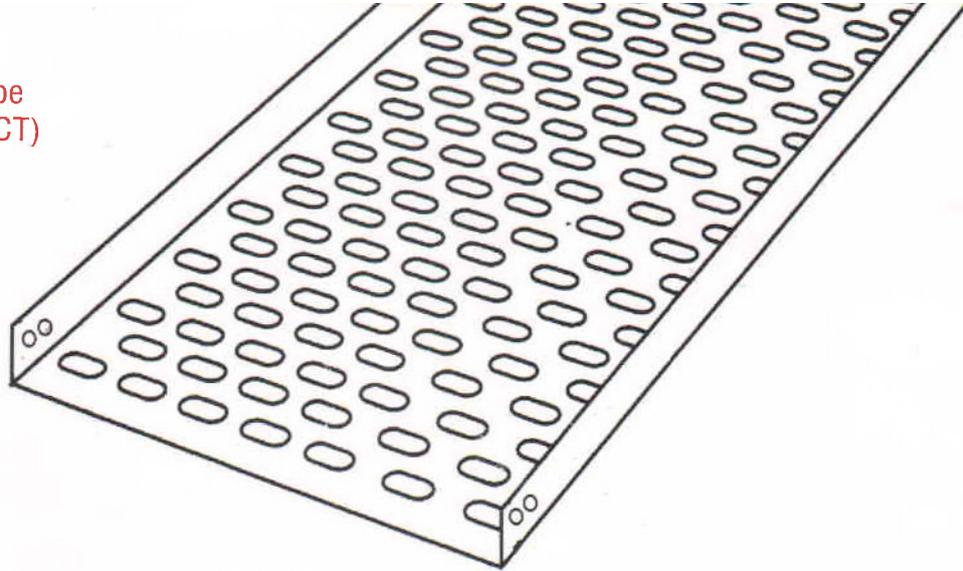
Ladder Type



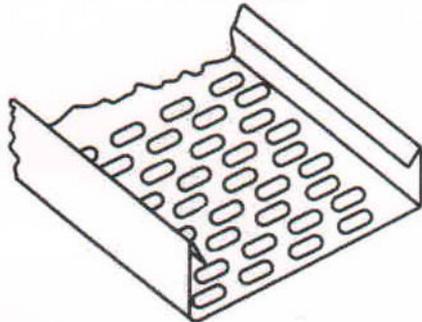
Perforated Type

MFG. OF : CABLE TRAYS, TRUNKING, ACCESSORIES, & EARTHING MATERIALS

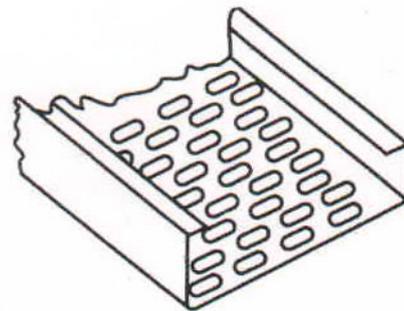
Perforated Type Cable Tray (PTCT)



Return Flange



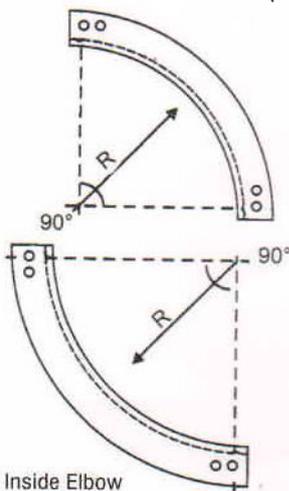
Inward Bend



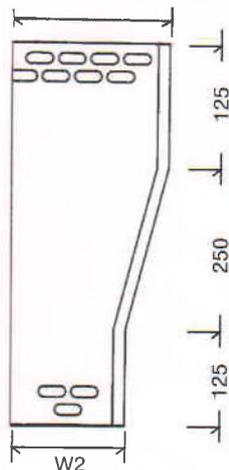
Width From 50 mm to 1000 mm
Depth From 20 mm to 150 mm
Thickness From 1 mm to 3 mm

Length From 2500 mm to 3000 mm
Painted / H.D. Galvanised / Pre Galvanised
Material M.S. / G.I. / Aluminium

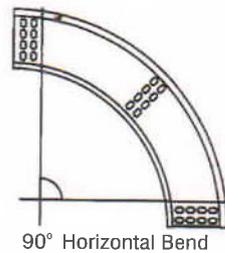
Vertical Outside Elbow



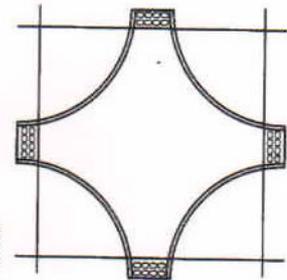
Equal Reducer
W1



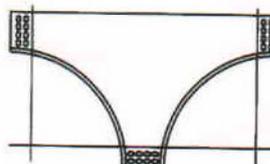
Accessories PTCT



90° Horizontal Bend



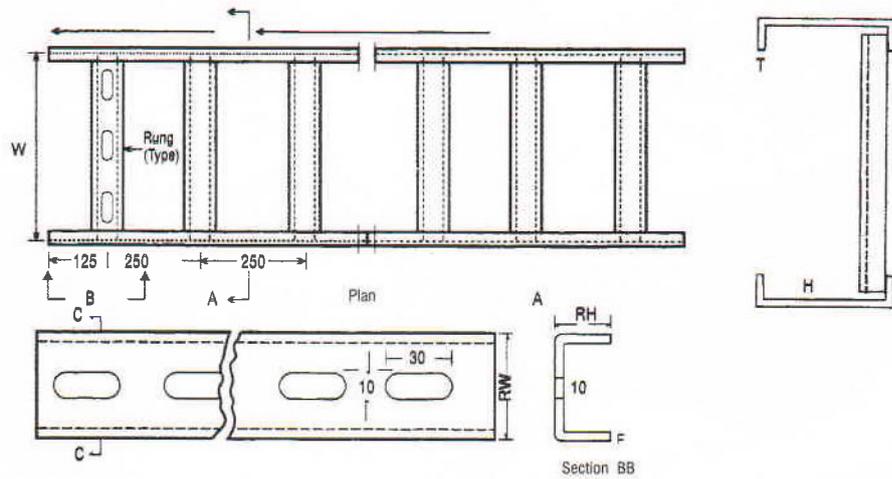
Perforated Horizontal Cross Piece



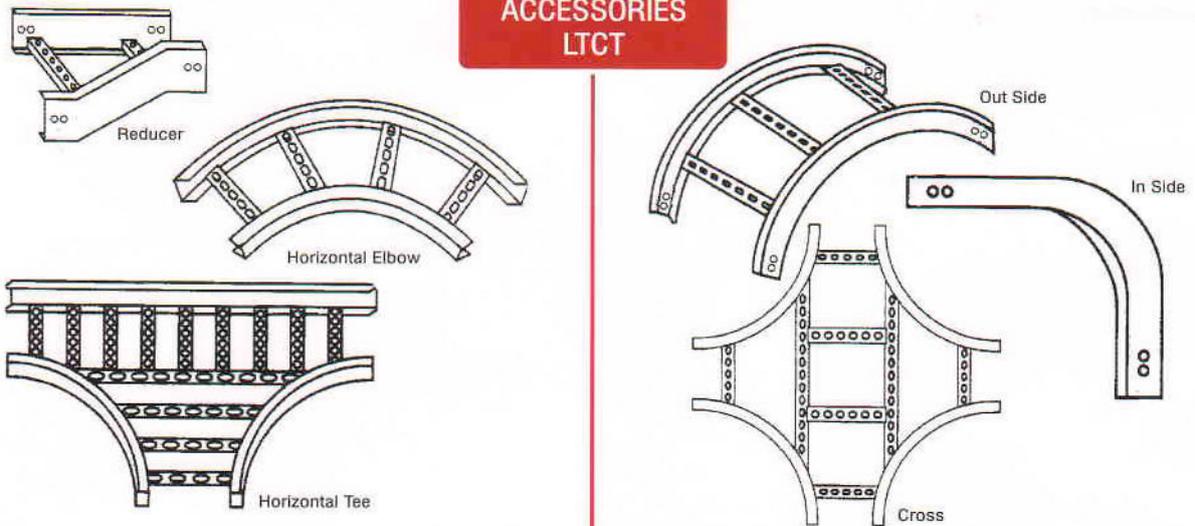
Perforated Tee

Vertical Inside Elbow

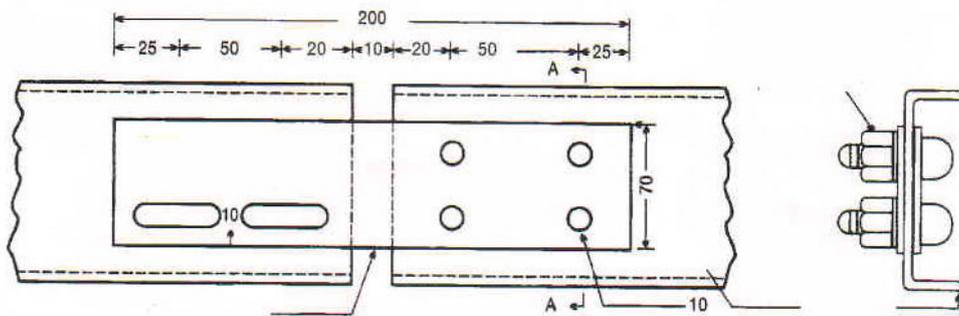
Ladder Type Cable Tray (LTCT)



ACCESSORIES LTCT

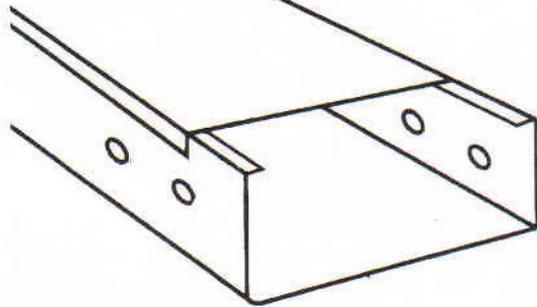


Coupler Plates

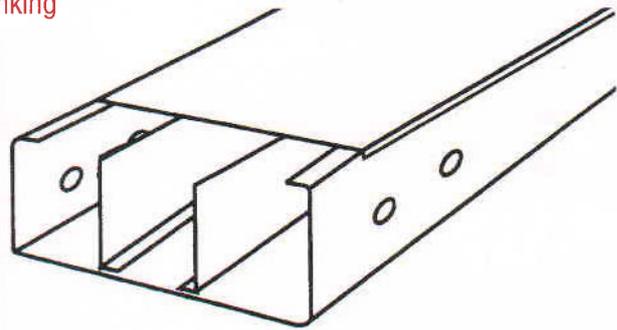


Cable Tray

Cable Duct / Trunking

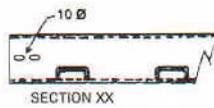
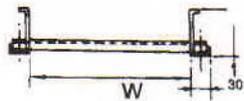
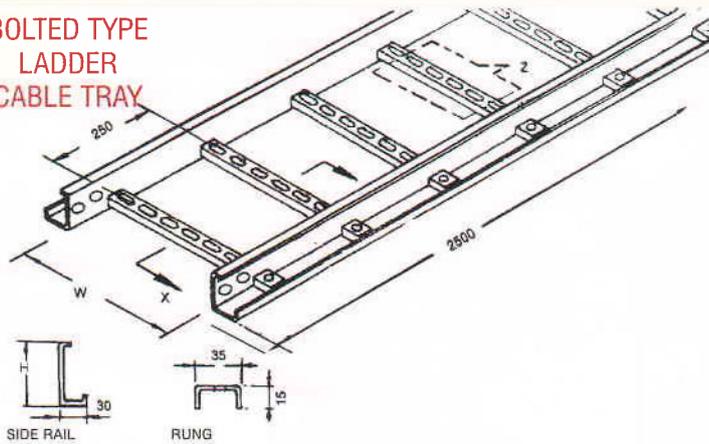


Channel / Plain Type



Multi Compartment Type

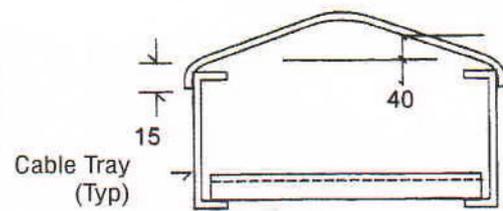
BOLTED TYPE LADDER CABLE TRAY



Z-Section



Raised Cover





**PLUG & SWITCH
SOCKETS WITH SEMI &
FULLY INTERLOCKED**

Metal Clad Plugs & Sockets

with Scraping Earthing Connections
Conforming to IS 1293



Key Features

- Pressure Cast Aluminium Alloy Casting
- Fully Shrouded Plug Pins
- Tapering Cable Guard for Plug
- Plug interiors are made out of High Quality Electrical grade backlite
- Socket contacts recessed and self-aligning
- Permanently resilient scrapping earth ensuring prior earth connection, breaking after the main circuit connection
- Epoxy Powder coated finish

POLES	HZ	AMPS	VOLTS
2P+E	50	10	240
		20	240
3P+E	50	20	440
		30	440
2P+SCRAPING EARTH	50		
3P+SCRAPING EARTH	50		

CAT NO	DESCRIPTION
601121	10A 250V Plug 2P+E
601122	10A 250V Socket 2P+E
601123	20A 250V Plug 2P+E
601124	20A 250V Socket 2P+E
601125	20A 440V Plug 3P+E
601126	20A 440V Socket 3P+E
601127	30A 440V Plug 3P+E
601128	30A 440V Socket 3P+E

Metal Clad Plugs & Sockets

with Scraping Earthing Connections
Conforming to IEC 309



Key Features

- Aluminium Alloy casting
- Space for ease of wiring and safe termination
- Conforming to BS:4343, IEC:309 and CEE:17
- Insulated interiors made from glass filled nylon
- Current conducting plug pins and slotted socket tubes with collar spring are constructed in special brass to retain dimensional stability during repetitive operations
- Spring loaded CAM type cover for socket
- Plugs provided with compression type cable grip

POLES	HZ	AMPS	VOLTS	A	B	C	D	E	F
5P (3P+N+E)	50	125	440	190	168	110	139	93	120
		63	440	143	130	119	112	86	86

CAT NO	DESCRIPTION
601129	63A 440V Plug 3P+E+N
601130	63A 440V Socket 3P+E+N
601131	125A 440V Plug 3P+E+N
601132	125A 440V Socket 3P+E+N
601133	250A 440V Plug 3P+E+N
601134	250A 440V Socket 3P+E+N

Semi Interlocked Switch Socket

MS and Aluminium Enclosure IP 44



Key Features

- Aluminium Casting / MS Enclosures
- Double Break CAM Operated On-Off Switch
- Fully wired
- Epoxy Powder Coated finish Enclosure

AMPS	VOLTS	PHASE	A	B	C	D	E	CABLE ENTRY
10	250	1	166	135	142	117	118	20
20	250	1	180	135	142	117	140	20
20	440	3	187	138	165	120	144	25
30	440	3	198	141	196	122	150	25

MS Enclosure

CAT NO	DESCRIPTION
613341	10A 240V Single Phase
613342	20A 240V Single Phase
613343	20A 440V Three Phase
613344	30A 440V Single Phase

Aluminium Enclosure

613451	10A 240V Single Phase
613452	20A 240V Single Phase
613453	20A 440V Three Phase
613454	30A 440V Three Phase

Fully Interlocked Switch Socket

MS Enclosure

Conforming to IS 13947 IP 65



Key Features

- MS Enclosure with Epoxy Powder coated finish
- Double Break CAM Operated On-Off Switch
- Internal Mechanical Interlocking Confirming to IEC-309
- Plug cannot be removed while switch is in "ON"
- Switch cannot be closed without Plug Insertion
- Fully wired
- Conforming to IP 65 of IS 13947 for Outdoor Applications

AMPS	VOLTS	PHASE	A	B	C	D	E	CABLE ENTRY	SPLASH PROOF
10	250	1	205	174	120	152	120	20	
20	250	1	205	174	142	152	120	20	ADD 'W' IN
20	440	3	210	174	168	152	124	25	CAT REF
30	440	3	210	174	205	152	124	25	

CAT NO	DESCRIPTION
625511	10A 250V Single Phase
625512	20A 250V Single Phase
625513	20A 440V Three Phase
625514	30A 440V Three Phase
625515	63A 440V with Fuse Switch Unit
625516	63A 440V with Isolator
625517	125A 440V with Fuse Switch Unit

Fully Interlocked Switch Socket

Aluminium Enclosure
Conforming to IS 13947 IP 65



Key Features

- Aluminium Enclosure with Epoxy Powder coated finish
- All weather application, conforming to IP 65 of IEC 13947
- Double break fuse switch (AC23 Duty) Interlocked with socket
- Being fully interlocked, cannot be switched "ON" until plug is inserted
- Plug cannot be withdrawn on load interlocking as per IEC 309
- Cover can be opened only when the switch is "OFF" and Plug withdrawn
- Glass filled Nylon moulded Terminal Blocks for incoming and looping termination with acrylic shroud
- Two Gland plates at bottom to receive incoming and Looping cable

RATING	VOLTS	A	B	C	D	E
125 - 3P + N + E	440	383	413	440	410	295
125 - 3P + N + E	440	315	340	425	391	245

CAT NO	DESCRIPTION
625621	10A 250V Single Phase
625622	20A 250V Single Phase
625623	20A 440V Three Phase
625624	30A 440V Three Phase
625625	63A 440V with Fuse Switch Unit
625626	63A 440V with Isolator



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