

— optiproTM —

MCBs and Distribution Boards

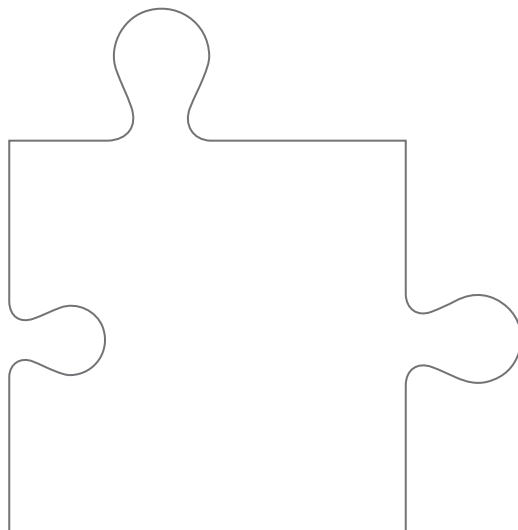
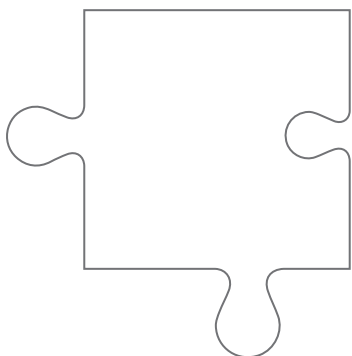




Complete Solutions

IndoAsian with its Indian origin and strong presence has garnered longstanding trust amongst its consumers since 1958. IndoAsian's high quality products and their unmatched value are a result of Frugal Engineering that caters especially to the Indian market.

Today we present to you, the complete Optipro range – the reliable choice in protection and distribution devices. Optipro's flexible range includes the best quality MCBs and Distribution Boards that are priced just right, and it is all that you need. Coming from the company that has expertise in catering to this product segment, it makes sense to choose Optipro for your dream project.

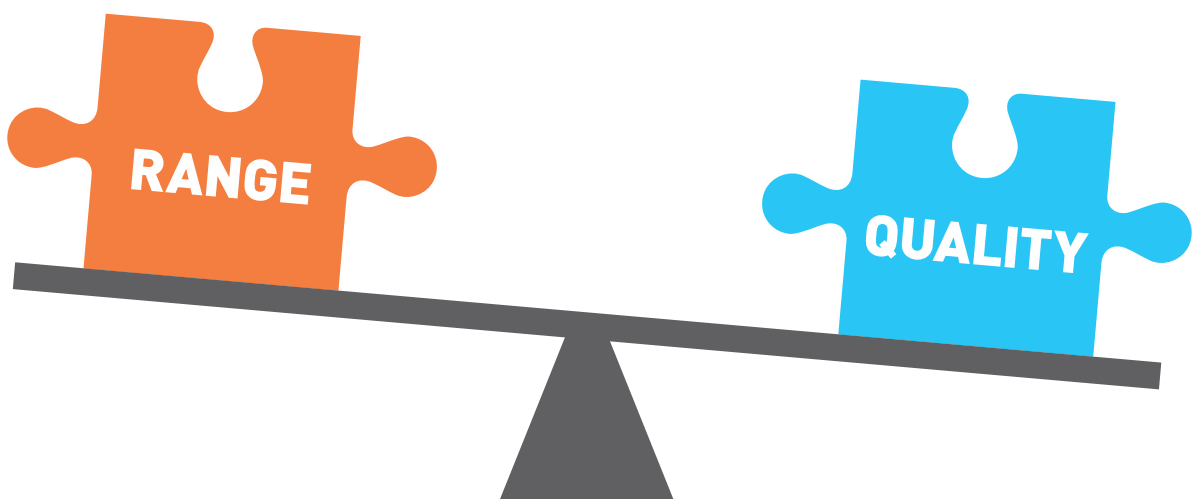




The Range

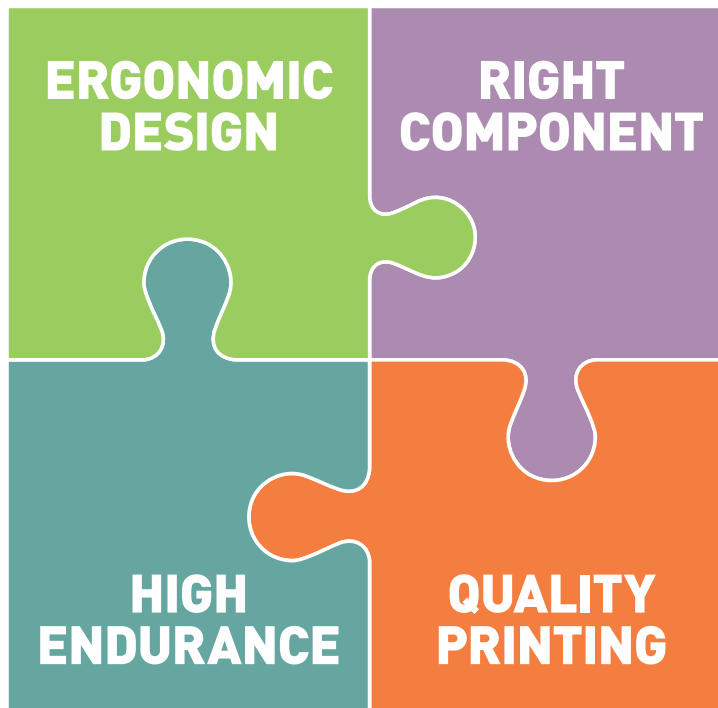
Optipro is the result of a clear understanding of consumer needs.

The extensive range, which includes MCBs, Isolators, RCDs, Distribution Boards and Accessories, takes care of all your project requirements. They are designed to provide complete protection against short-circuits, overloads and residual current faults, and come with a wide range of phase selectors, enclosures, and plug and socket types, thus making Optipro a safe and reliable choice for your projects.



The Quality

Optipro is developed through an engineering process that reduces complexity in production but, at the same time, promises uncompromising quality. The homogeneity of these products is evident in their firm finishes. The technical identifications on the products withstand the test of time, thanks to high quality pad printing. The carefully selected components that make up the Optipro range are resistant to extreme weather conditions and thus ensure durability and great performance.



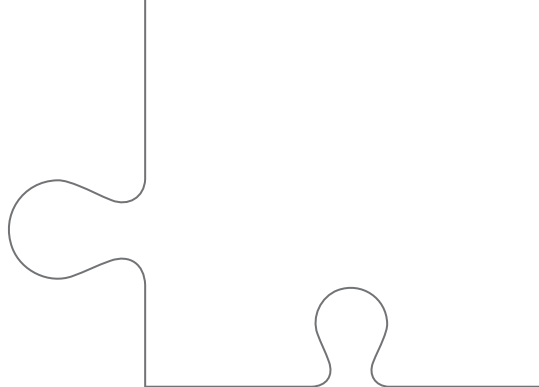
The Right Deal

IndoAsian has stayed true to its brand promise of true value. Optipro doesn't just promise a comprehensive range of great quality, but offers it at the right deal, making it 'All That You Need'.

**The
Range**

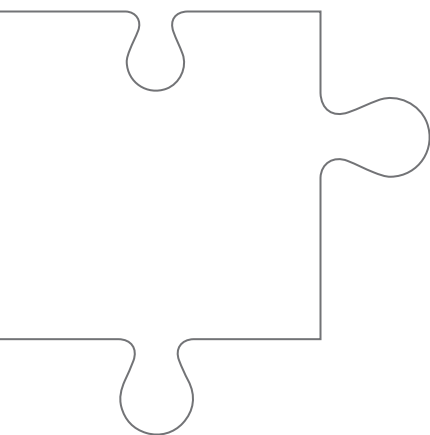
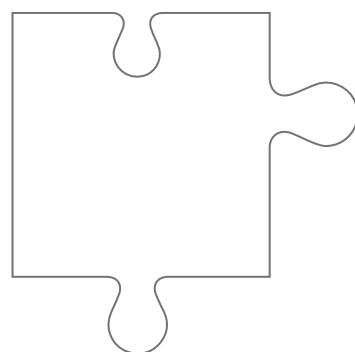
**The
Quality**

**The
Right
Deal**



MCBs

Optipro's range of MCBs demonstrates proven endurance against overloads and short circuits with its high current-carrying capacity. Engineered to support easy installation, each MCB is designed keeping in mind the highest safety and compliance parameters. This means zero exposure to live parts, and a user-friendly, efficient interface that makes Optipro the only safe and reliable choice.



Features

Complete Range

The complete Optipro range includes MCBs, Isolators, RCDs, and Accessories.



Exceptional Endurance

The products have high electrical and mechanical endurance, with ambient temperatures of -25°C to $+70^{\circ}\text{C}$.

Breaking Capacity

The devices in the range have a breaking capacity of 10kA.

Line Load Reversibility

The design enables line load reversibility in MCBs which means that you can connect the load from either side (top or bottom) of the MCB.



Contact Indication Window

The devices are designed as per user friendliness.

The visual indications help users identify the position of the MCB.

- Red = ON • Green = OFF

Large Terminal

The 35 sq mm terminal is designed to incorporate wires of bigger sizes. It ensures safety by making sure that the loose ends of the wires are tightly held and don't hang around.



Protection IP 20

We realise the importance of safety, and have designed the range in such a way that no live parts are exposed to human contact, thus making the devices safe to use.



Dual Position Clamp

The dual position clamp helps in easy mounting and unmounting of the MCB.

Superior Design

Optipro's homogenous design is aesthetically superior and built in with features like the ergonomically designed knob for better grip and good quality pad printing.



Air Flow Channel

The special air flow channel on the MCBs allows the air to come out. This, in turn, helps in maintaining the temperature inside and thereby increases its durability.



Bi-Connect Terminal

The bi-connect terminal provides flexibility by allowing the lines to be connected through both wires and bus bars.

Power Loss per Pole (Watts)

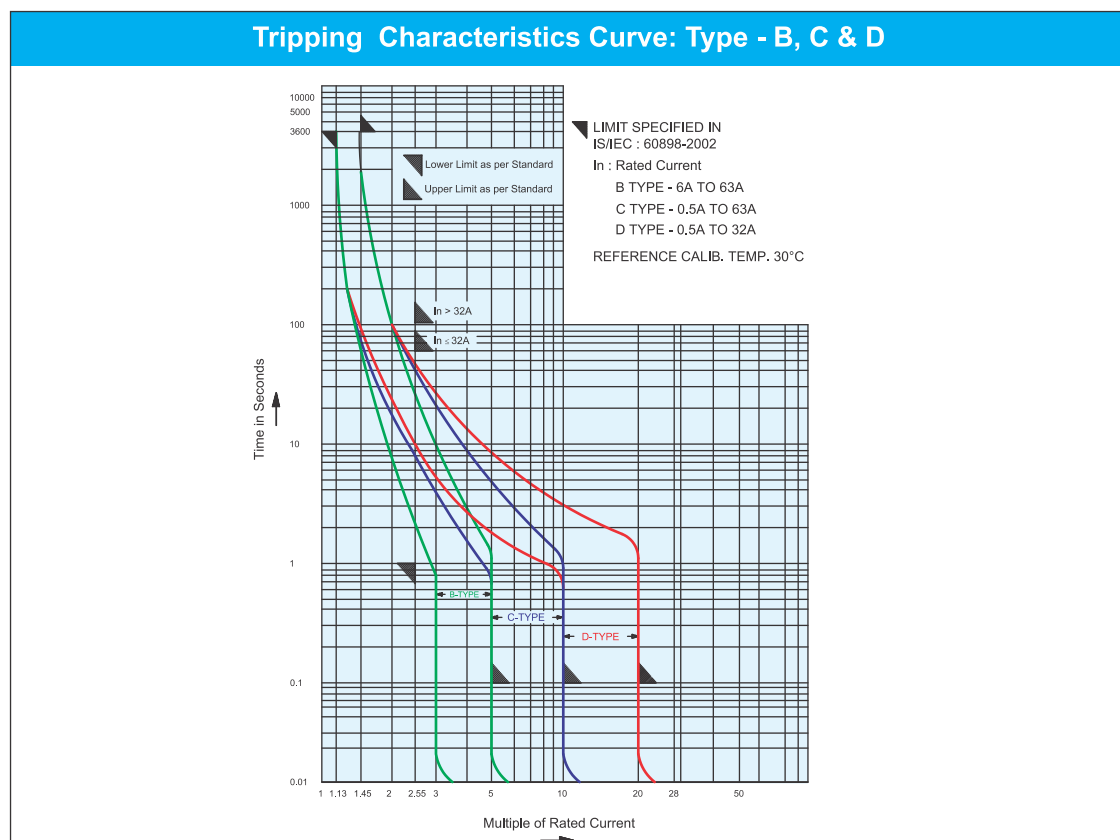
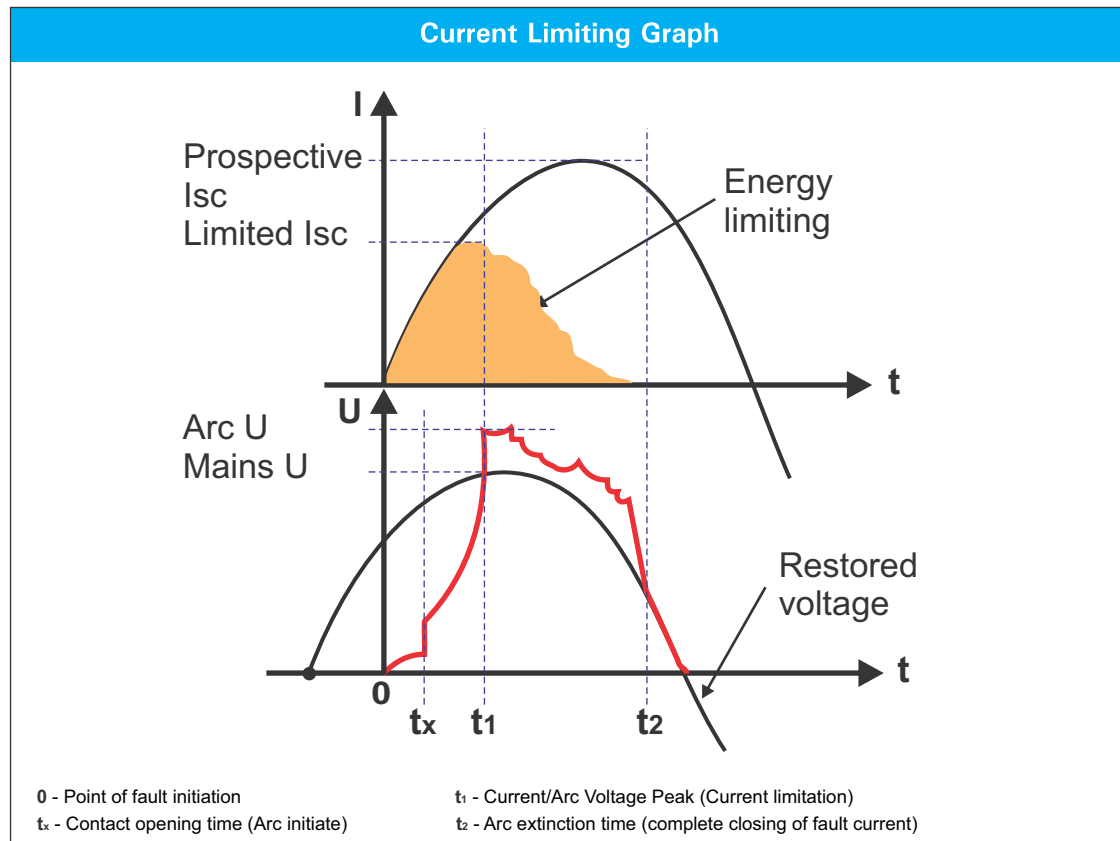
Circuit breakers B and C curves									
Rated Current	6 A SP	10 A SP	16 A SP	20 A SP	25 A SP	32 A SP	40 A SP	50 A SP	63 A SP
Optipro	0.9	1.9	2.2	3.0	3.7	3.9	4.0	4.6	5.5
As per IS/IEC 60898-1	3	3	3.5	4.5	4.5	6	7.5	9	13

De-rating of circuit-breakers:

Ambient Temperature / In (in A)										
In (A)	- 25 °C	- 10°C	0°C	10°C	20°C	30°C	40°C	50°C	60°C	70°C
6	7.5	7	6.6	6.4	6.18	6	5.8	5.6	5.4	5.2
10	12.5	11.5	11.1	10.7	10.3	10	9.7	9.3	9	8.7
16	20	18.7	18	17.3	16.6	16	15.4	14.7	14.1	13.5
20	25	23.2	22.4	21.6	20.8	20	19.2	18.4	17.6	16.8
25	31.5	29.5	28.3	27.2	26	25	24	22.7	21.7	20.7
32	41	37.8	36.5	34.9	33.3	32	30.7	29.1	27.8	26.5
40	51	48	46	44	42	40	38	36	34	32
50	64	60	57.5	55	52.5	50	47.5	45	42.5	40
63	80.6	75.6	72.5	69.9	66.1	63	59.8	56.1	52.9	50.4

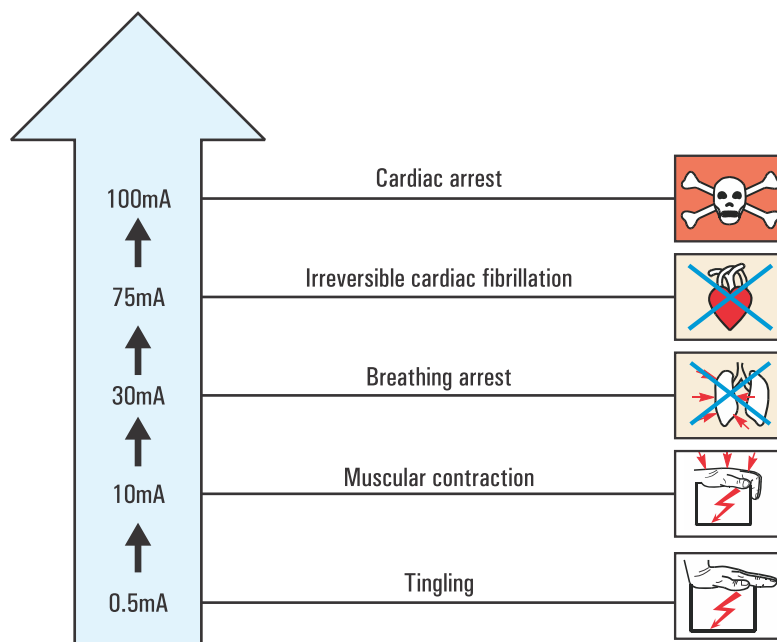
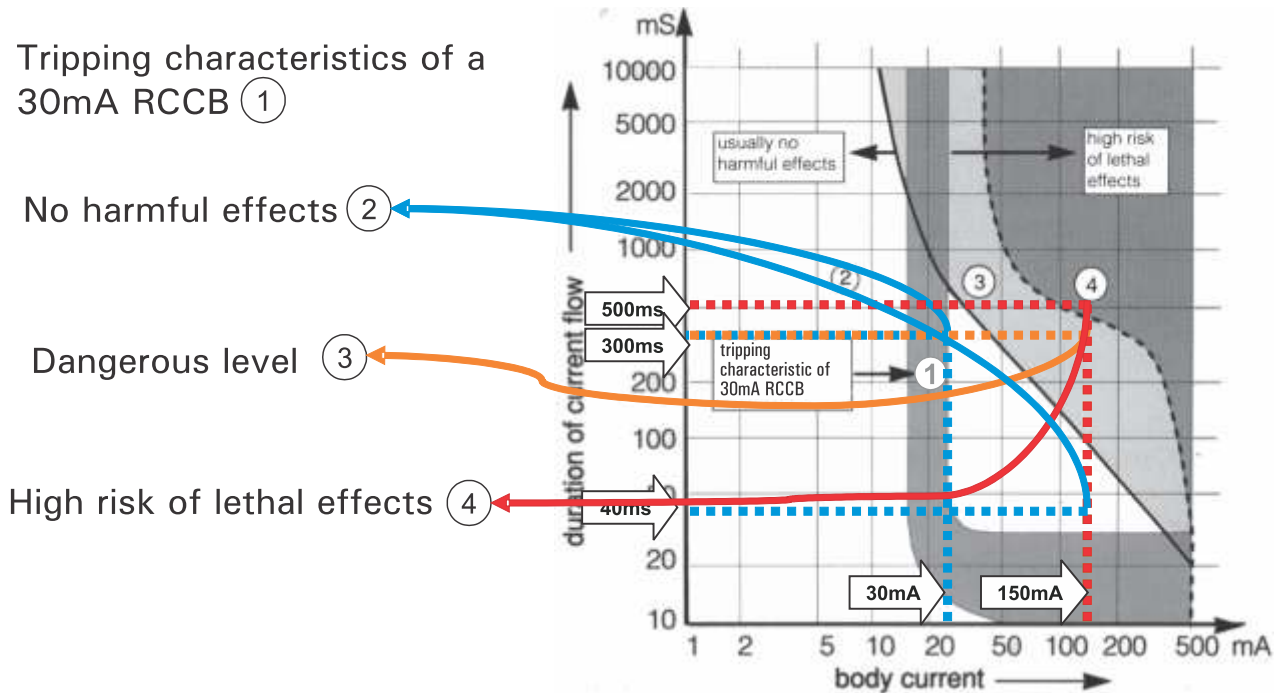
Reference temperature: 30°C according to standard IS / IEC 60898-1

Technical Characteristics - MCB



Technical Characteristics - RCCB

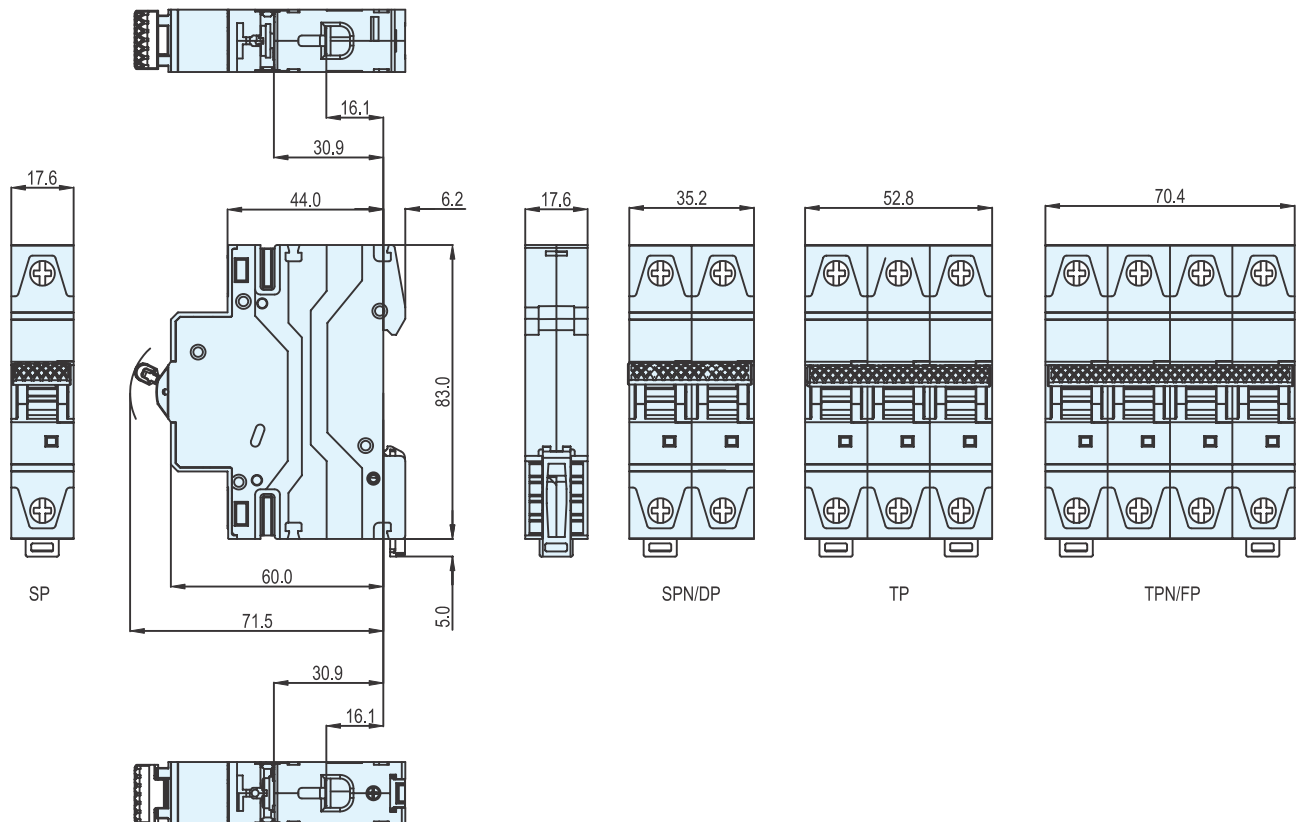
Tripping Characteristics Curve



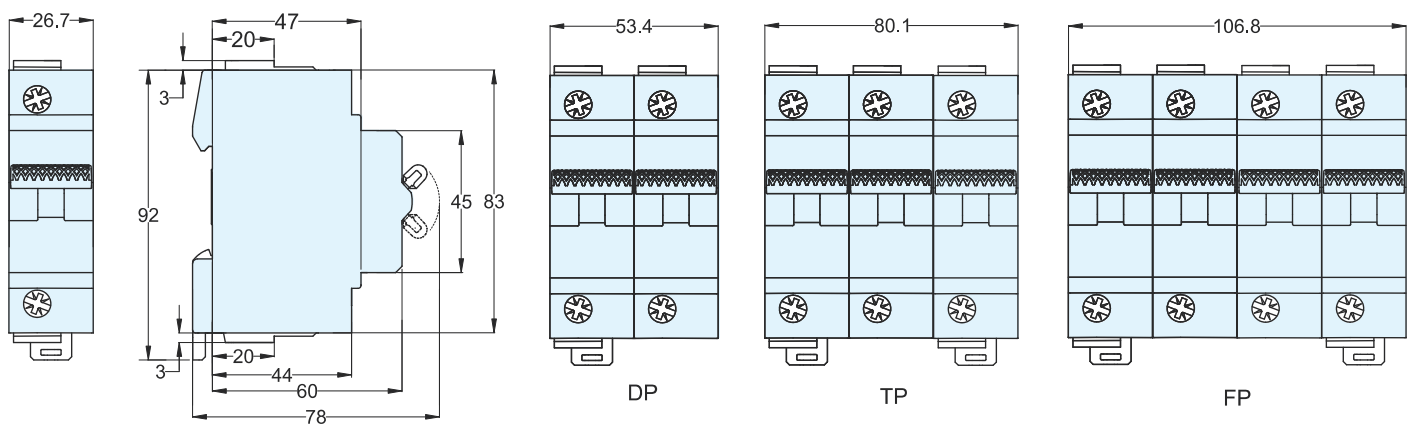
Human Body's reaction to Electric Shock

Dimensions

Miniature Circuit Breaker & Isolator

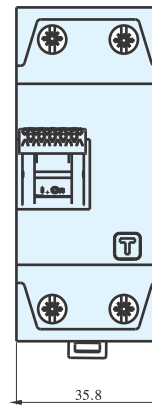
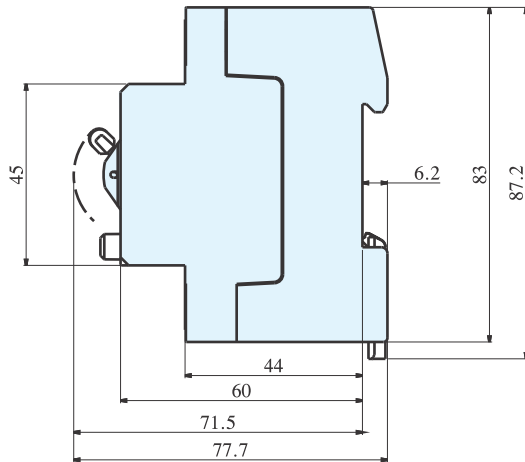


AC Circuit Breaker (80A to 125A)

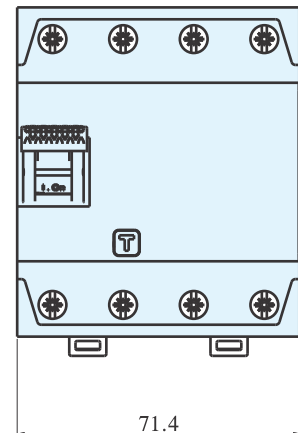


Dimensions

Residual Current Circuit Breaker - DP & FP

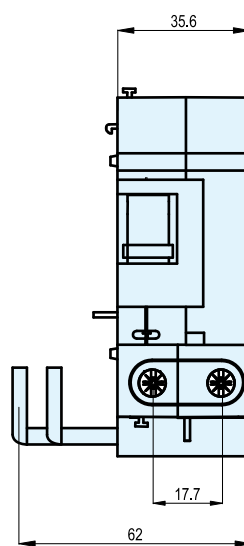
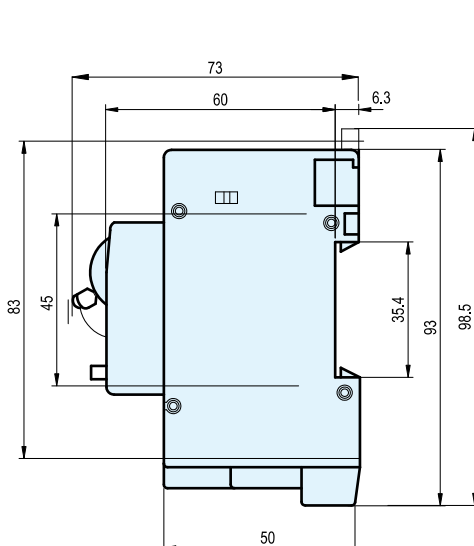


DP

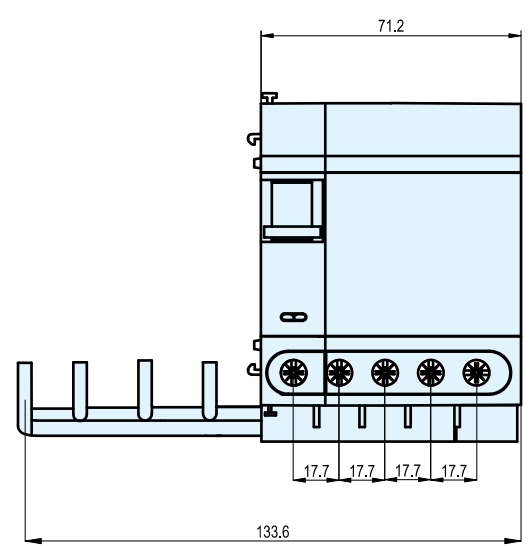


FP

RCD Add on Block - DP & FP



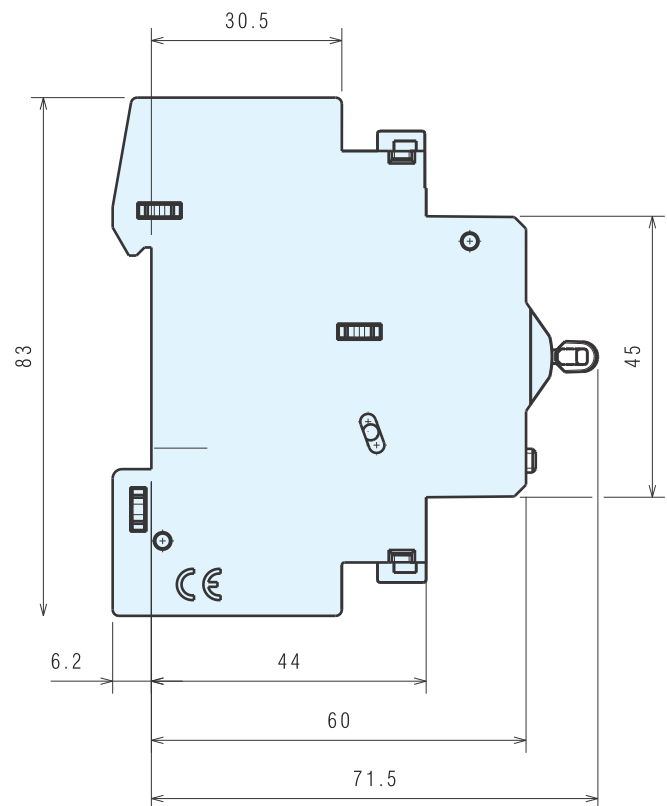
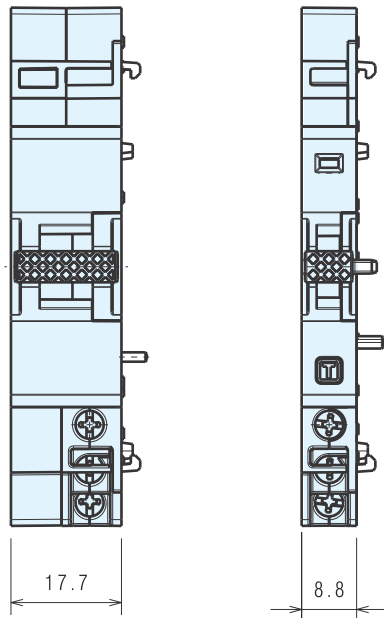
DP



FP

Dimensions

Accessories



Miniature Circuit Breaker - MCB

- ISI / CE Marked as per IS/IEC 60898 - 1
- Rated Short-Circuit Breaking Capacity, I_{cn} 10kA
- Degree of Protection IP 20
- Energy Limitation Class 3
- Line Load Reversibility
- 35 sq. mm Terminals
- Biconnect Terminals
- Frequency: 50 Hz
- Operating Voltage : 240V / 415V AC

 B Curve Single Pole	Cat. Nos.	Rating (A)	Pack
	811008	6	1/12/180
	811009	7.5	1/12/180
	811010	10	1/12/180
	811011	13	1/12/180
	811012	16	1/12/180
	811013	20	1/12/180
	811014	25	1/12/180
	811015	32	1/12/180
	811016	40	1/12/180
	811017	50	1/12/180
	811018	63	1/12/180

 B Curve Single Pole Neutral	Cat. Nos.	Rating (A)	Pack
	811027	6	1/6/90
	811028	7.5	1/6/90
	811029	10	1/6/90
	811030	13	1/6/90
	811031	16	1/6/90
	811032	20	1/6/90
	811033	25	1/6/90
	811034	32	1/6/90
	811035	40	1/6/90
	811036	50	1/6/90
	811037	63	1/6/90

 B Curve Double Pole	Cat. Nos.	Rating (A)	Pack
	811046	6	1/6/90
	811047	7.5	1/6/90
	811048	10	1/6/90
	811049	13	1/6/90
	811050	16	1/6/90
	811051	20	1/6/90
	811052	25	1/6/90
	811053	32	1/6/90
	811054	40	1/6/90
	811055	50	1/6/90
	811056	63	1/6/90

 C Curve Single Pole	Cat. Nos.	Rating (A)	Pack
	811114	0.5	1/12/180
	811115	1	1/12/180
	811116	1.6	1/12/180
	811117	2	1/12/180
	811119	3	1/12/180
	811120	4	1/12/180
	811121	5	1/12/180
	811122	6	1/12/180
	811123	7.5	1/12/180
	811124	10	1/12/180
	811125	13	1/12/180
	811126	16	1/12/180
	811127	20	1/12/180
	811128	25	1/12/180
	811129	32	1/12/180
	811130	40	1/12/180
	811131	50	1/12/180
	811132	63	1/12/180

Miniature Circuit Breaker - MCB

 C Curve Single Pole Neutral	Cat. Nos.	Rating (A)	Pack
	811136	0.5	1/6/90
	811137	1	1/6/90
	811138	1.6	1/6/90
	811139	2	1/6/90
	811141	3	1/6/90
	811142	4	1/6/90
	811143	5	1/6/90
	811144	6	1/6/90
	811145	7.5	1/6/90
	811146	10	1/6/90
	811147	13	1/6/90
	811148	16	1/6/90
	811149	20	1/6/90
	811150	25	1/6/90
	811151	32	1/6/90
	811152	40	1/6/90
	811153	50	1/6/90
	811154	63	1/6/90

 C Curve Three Pole	Cat. Nos.	Rating (A)	Pack
	811180	0.5	1/4/60
	811181	1	1/4/60
	811182	1.6	1/4/60
	811183	2	1/4/60
	811185	3	1/4/60
	811186	4	1/4/60
	811187	5	1/4/60
	811188	6	1/4/60
	811189	7.5	1/4/60
	811190	10	1/4/60
	811191	13	1/4/60
	811192	16	1/4/60
	811193	20	1/4/60
	811194	25	1/4/60
	811195	32	1/4/60
	811196	40	1/4/60
	811197	50	1/4/60
	811198	63	1/4/60

 C Curve Double Pole	Cat. Nos.	Rating (A)	Pack
	811158	0.5	1/6/90
	811159	1	1/6/90
	811160	1.6	1/6/90
	811161	2	1/6/90
	811163	3	1/6/90
	811164	4	1/6/90
	811165	5	1/6/90
	811166	6	1/6/90
	811167	7.5	1/6/90
	811168	10	1/6/90
	811169	13	1/6/90
	811170	16	1/6/90
	811171	20	1/6/90
	811172	25	1/6/90
	811173	32	1/6/90
	811174	40	1/6/90
	811175	50	1/6/90
	811176	63	1/6/90

 C Curve Three Pole Neutral	Cat. Nos.	Rating (A)	Pack
	811202	0.5	1/3/45
	811203	1	1/3/45
	811204	1.6	1/3/45
	811205	2	1/3/45
	811207	3	1/3/45
	811208	4	1/3/45
	811209	5	1/3/45
	811210	6	1/3/45
	811211	7.5	1/3/45
	811212	10	1/3/45
	811213	13	1/3/45
	811214	16	1/3/45
	811215	20	1/3/45
	811216	25	1/3/45
	811217	32	1/3/45
	811218	40	1/3/45
	811219	50	1/3/45
	811220	63	1/3/45

Miniature Circuit Breaker - MCB

	Cat. Nos.	Rating (A)	Pack
	811224	0.5	1/3/45
	811225	1	1/3/45
	811226	1.6	1/3/45
	811227	2	1/3/45
	811229	3	1/3/45
	811230	4	1/3/45
	811231	5	1/3/45
	811232	6	1/3/45
	811233	7.5	1/3/45
	811234	10	1/3/45
	811235	13	1/3/45
	811236	16	1/3/45
	811237	20	1/3/45
	811238	25	1/3/45
	811239	32	1/3/45
	811240	40	1/3/45
	811241	50	1/3/45
	811242	63	1/3/45
C Curve Four Pole			

	Cat. Nos.	Rating (A)	Pack
	811284	0.5	1/6/90
	811285	1	1/6/90
	811286	1.6	1/6/90
	811287	2	1/6/90
	811289	3	1/6/90
	811290	4	1/6/90
	811291	5	1/6/90
	811292	6	1/6/90
	811293	7.5	1/6/90
	811294	10	1/6/90
	811295	13	1/6/90
	811296	16	1/6/90
	811297	20	1/6/90
	811298	25	1/6/90
	811299	32	1/6/90
	811300	40	1/6/90
	811301	50	1/6/90
	811302	63	1/6/90
D Curve Double Pole			

	Cat. Nos.	Rating (A)	Pack
	811246	0.5	1/12/180
	811247	1	1/12/180
	811248	1.6	1/12/180
	811249	2	1/12/180
	811251	3	1/12/180
	811252	4	1/12/180
	811253	5	1/12/180
	811254	6	1/12/180
	811255	7.5	1/12/180
	811256	10	1/12/180
	811257	13	1/12/180
	811258	16	1/12/180
	811259	20	1/12/180
	811260	25	1/12/180
	811261	32	1/12/180
	811262	40	1/12/180
	811263	50	1/12/180
	811264	63	1/12/180
D Curve Single Pole			

	Cat. Nos.	Rating (A)	Pack
	811303	0.5	1/4/60
	811304	1	1/4/60
	811305	1.6	1/4/60
	811306	2	1/4/60
	811308	3	1/4/60
	811309	4	1/4/60
	811310	5	1/4/60
	811311	6	1/4/60
	811312	7.5	1/4/60
	811313	10	1/4/60
	811314	13	1/4/60
	811315	16	1/4/60
	811316	20	1/4/60
	811317	25	1/4/60
	811318	32	1/4/60
	811319	40	1/4/60
	811320	50	1/4/60
	811321	63	1/4/60
D Curve Three Pole			

Miniature Circuit Breaker - MCB

 D Curve Four Pole	Cat. Nos.	Rating (A)	Pack
	811341	0.5	1/3/45
	811342	1	1/3/45
	811343	1.6	1/3/45
	811344	2	1/3/45
	811346	3	1/3/45
	811347	4	1/3/45
	811348	5	1/3/45
	811349	6	1/3/45
	811350	7.5	1/3/45
	811351	10	1/3/45
	811352	13	1/3/45
	811353	16	1/3/45
	811354	20	1/3/45
	811355	25	1/3/45
	811356	32	1/3/45
	811357	40	1/3/45
	811358	50	1/3/45
	811359	63	1/3/45

AC Circuit Breaker

- Conforms to IEC 60947 - 2
- CE Marked
- Rated Short-Circuit Capacity, Icu 10kA
- Degree of Protection IP 20
- 1.5 Module per pole
- 50 sq. mm Terminals
- Frequency: 50 Hz
- Operating Voltage: 240V/415V AC, 60V DC per Pole

 Single Pole	Cat. Nos.	Rating (A)	Pack
	811133	80	1
	811134	100	1
	811135	125	1

 Three Pole	Cat. Nos.	Rating (A)	Pack
	811199	80	1
	811200	100	1
	811201	125	1

 Double Pole	Cat. Nos.	Rating (A)	Pack
	811177	80	1
	811178	100	1
	811179	125	1

 Four Pole	Cat. Nos.	Rating (A)	Pack
	811243	80	1
	811244	100	1
	811245	125	1

DC Circuit Breaker

- Conforms to IEC 60947 - 2
- CE Marked
- Breaking Capacity 6kA
- Degree of Protection IP 20
- 35 sq. mm Terminals
- Biconnect Terminals
- Upto 250V Supply

	Cat. Nos.	Rating (A)	Pack
	811400	0.5	1/12/180
	811401	1	1/12/180
	811402	1.6	1/12/180
	811403	2	1/12/180
	811405	3	1/12/180
	811406	4	1/12/180
	811407	5	1/12/180
	811408	6	1/12/180
	811409	7.5	1/12/180
	811410	10	1/12/180
	811411	13	1/12/180
	811412	16	1/12/180
	811413	20	1/12/180
	811414	25	1/12/180
	811415	32	1/12/180
	811416	40	1/12/180
	811417	50	1/12/180
	811418	63	1/12/180

Single Pole

	Cat. Nos.	Rating (A)	Pack
	811419	0.5	1/6/90
	811420	1	1/6/90
	811421	1.6	1/6/90
	811422	2	1/6/90
	811424	3	1/6/90
	811425	4	1/6/90
	811426	5	1/6/90
	811427	6	1/6/90
	811428	7.5	1/6/90
	811429	10	1/6/90
	811430	13	1/6/90
	811431	16	1/6/90
	811432	20	1/6/90
	811433	25	1/6/90
	811434	32	1/6/90
	811435	40	1/6/90
	811436	50	1/6/90
	811437	63	1/6/90

Double Pole

Isolator

- Conforms to IEC 60947-3
- CE Marked
- Degree of Protection IP 20
- 35 sq. mm Terminals
- Biconnect Terminals
- Frequency: 50 Hz
- Operating Voltage: 240V/415V AC, 60V DC per Pole

	Cat. Nos.	Rating (A)	Pack
	811550	40	1/6/90
	811551	63	1/6/90
	811552	80	1/6/90
	811553	100	1/6/90
	811554	125	1/6/90

Double Pole

	Cat. Nos.	Rating (A)	Pack
	811555	40	1/4/60
	811556	63	1/4/60
	811557	80	1/4/60
	811558	100	1/4/60
	811559	125	1/4/60

Three Pole

	Cat. Nos.	Rating (A)	Pack
	811560	40	1/3/45
	811561	63	1/3/45
	811562	80	1/3/45
	811563	100	1/3/45
	811564	125	1/3/45

Four Pole

Residual Current Circuit Breaker - RCCB

- ISI/CE Marked as per IS/IEC 12640 - 1
- Degree of Protection IP 20
- Rated Conditional Short-Circuit Current, Inc 10kA
- 35 sq. mm Terminals
- Biconnect Terminals
- Frequency: 50 Hz
- Operating Voltage: 240V/415V AC

 Double Pole	Rating (A)	Sensitivity (mA)	Cat. Nos.	Pack
	25	30	811700	1/6/90
		100	811706	1/6/90
		300	811712	1/6/90
	40	30	811701	1/6/90
		100	811707	1/6/90
		300	811713	1/6/90
	63	30	811702	1/6/90
		100	811708	1/6/90
		300	811714	1/6/90

 Four Pole	Rating (A)	Sensitivity (mA)	Cat. Nos.	Pack
	25	30	811718	1/3/45
		100	811724	1/3/45
		300	811730	1/3/45
	40	30	811719	1/3/45
		100	811725	1/3/45
		300	811731	1/3/45
	63	30	811720	1/3/45
		100	811726	1/3/45
		300	811732	1/3/45

RCD Add on Block

- Conforms to IEC 60947-2
- Degree of Protection IP 20
- Rated Conditional Short-Circuit Current, I_{cc} 10kA
- 35 sq. mm Terminals
- Dual Position DIN Clip
- Flexibility to use MCB of any Tripping Curve.

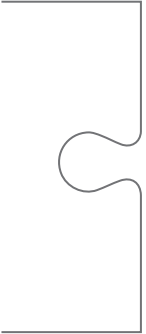
 Double Pole	Rating (A)	Sensitivity (mA)	Cat. Nos.	Pack
	6A - 32A	30	811666	1/ - /32
		100	811668	1/ - /32
		300	811670	1/ - /32
	40A & 63A	30	811667	1/ - /32
		100	811669	1/ - /32
		300	811671	1/ - /32

 Four Pole	Rating (A)	Sensitivity (mA)	Cat. Nos.	Pack
	6A - 32A	30	811672	1/ - /16
		100	811674	1/ - /16
		300	811676	1/ - /16
	40A & 63A	30	811673	1/ - /16
		100	811675	1/ - /16
		300	811677	1/ - /16

Accessories

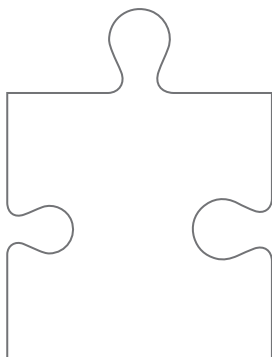
- Conforms to IEC 60947 - 5 - 1
- Clip Type Accessory
- CE Marked
- Common Accessories for Entire Range
- Easy To Install
- Upto Three Number of Accessory on a Modular Device

 Accessories	Item Description	Cat. Nos.	Pack
	Auxiliary Changeover Switch 1NO	811580	1
	Fault Signalling Contact 1NC	811581	1
	Shunt Trip 12V to 48V AC/DC	811582	1
	Shunt Trip 110V to 415V AC	811583	1
	Undervoltage 24V & 48V AC/DC	811584	1
	Undervoltage 240V AC	811585	1



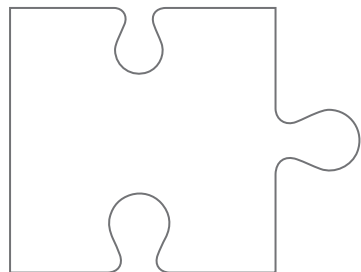
Distribution Boards

Optipro's range of Distribution Boards offers complete solutions with unmatched quality and value. Easy to install and operate, the resourceful design complies with the True IP43 protection standard. The range has fresh and innovative designs that will match with any wall texture.



Wide Range

The Optipro range is a complete and thought-through range of Distribution Boards with SPN, TPN, VTPN, Flexi, 7 segment, phase selectors, enclosures and plug & socket types. This range single-handedly answers all your project needs.



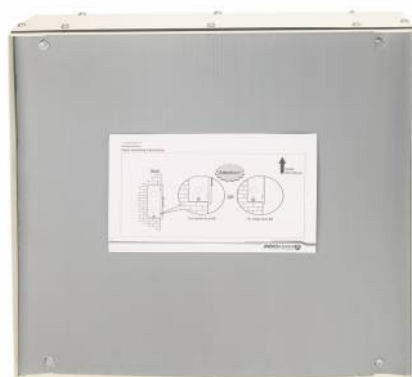
Total Safety

True IP43 in its segment

Degree of protection in double door DBs is IP43.

The design is tested as per IEC 60529 for the IP test.

The True IP43 design makes the range suitable for all situations that demand IP43 degree of protection.

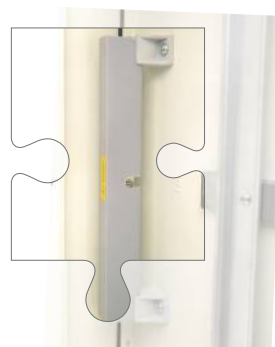


Cement protector

A specially-designed cement protector does not allow cement, dust, etc., to enter the DB during construction. Once construction is complete, the cement protector can be easily removed for wiring, keeping your DB free from dust and damage.

Isolated neutral bar

Once installed, the neutral bar on the Optipro Distribution Board is completely isolated from the box. It is neither visible nor is it accessible to human touch, offering complete protection against the live parts.



Simple Look

Fresh design

Thanks to its sleek and minimal look, the Optipro Distribution Board looks great on any wall. Its fresh and innovative design has truly transformed Distribution Boards for the future.



Innovative door knob

The knob of the Distribution Board is unique in design to meet all operational needs. The knob is sleek with less projection off the surface. The innovative sliding mechanism grants it a longer life.



New colour & finish

Optipro Distribution Boards come in a new exciting colour that goes well with any decor. The matte finish of the product makes it match well with any wall texture. The finish does not attract dust and keeps the exterior clean.



Plain corners

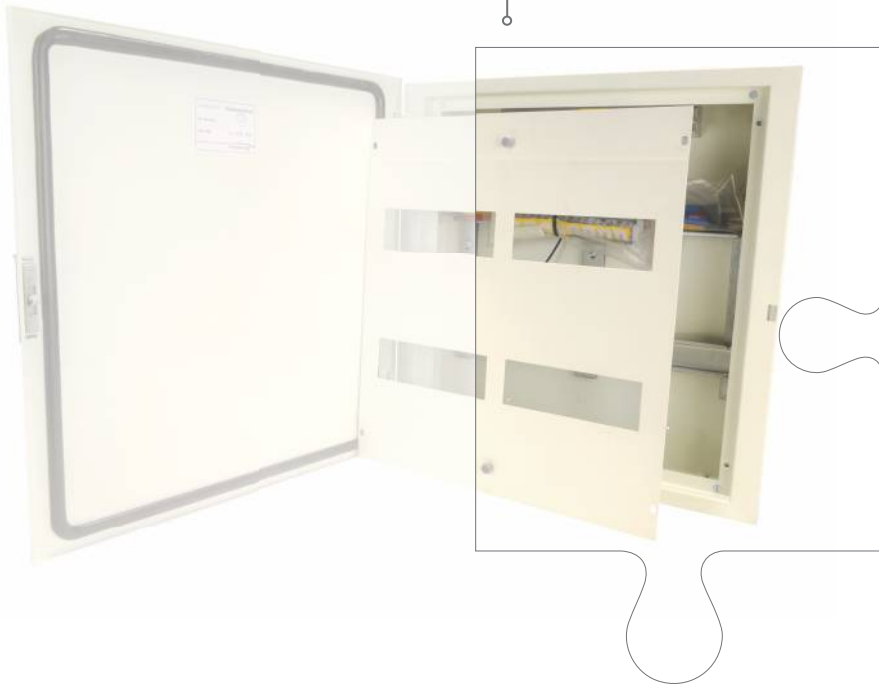
The Optipro range is engineered to have no sharp edges. Thus, your hand will simply glide over smooth and plain corners when you interact with the product, giving you a safe and stylish Distribution Board.



Ease of Use

Independent shield

The Optipro Distribution Board has an independent shield that is removable when necessary. During maintenance, the shield can be removed, while the door and frame remain in place. This makes operation fast and easy.



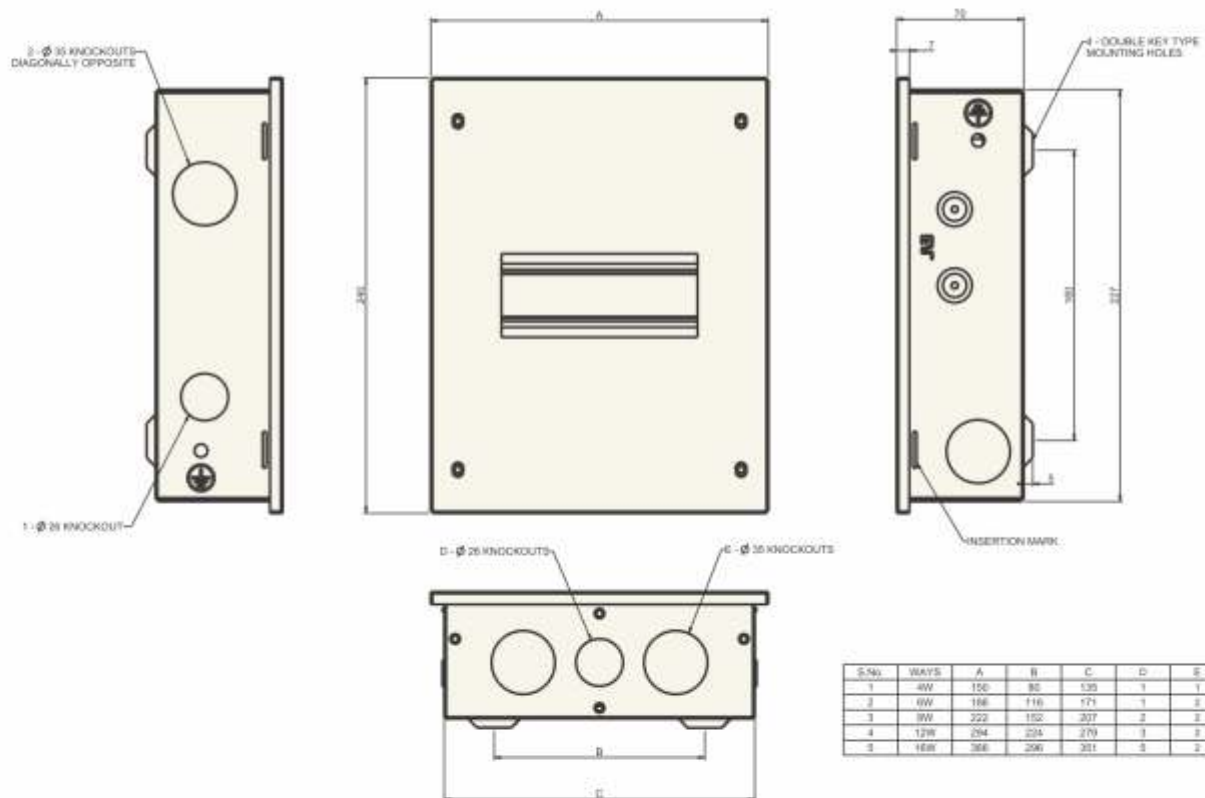
Box separately packed

Optipro presents the concept of twin packaging. Parts like the frame, shield and door are packed separately from the box. Thanks to this insight, installation is made easier for the user. The frame, shield and door can be safely stored until complete wiring and painting is done.

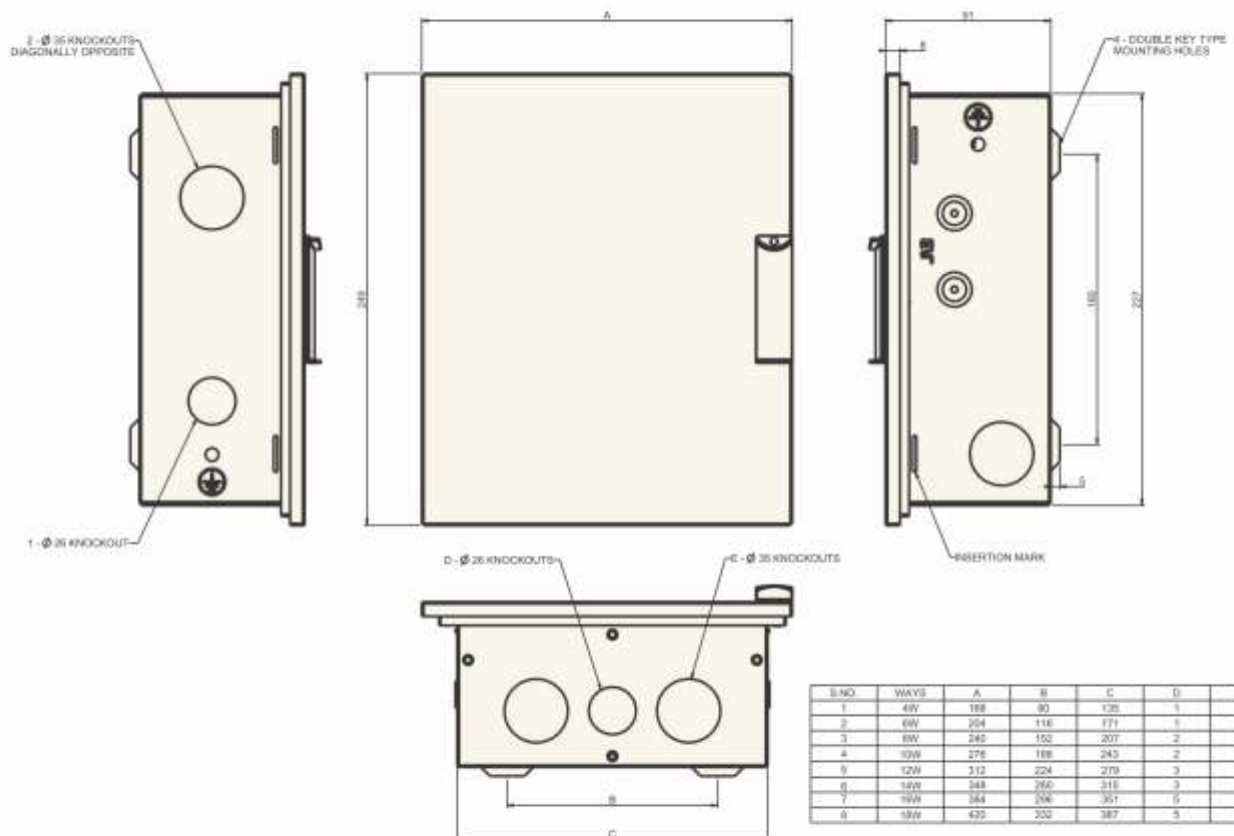


Dimensions

SPN DB Single door

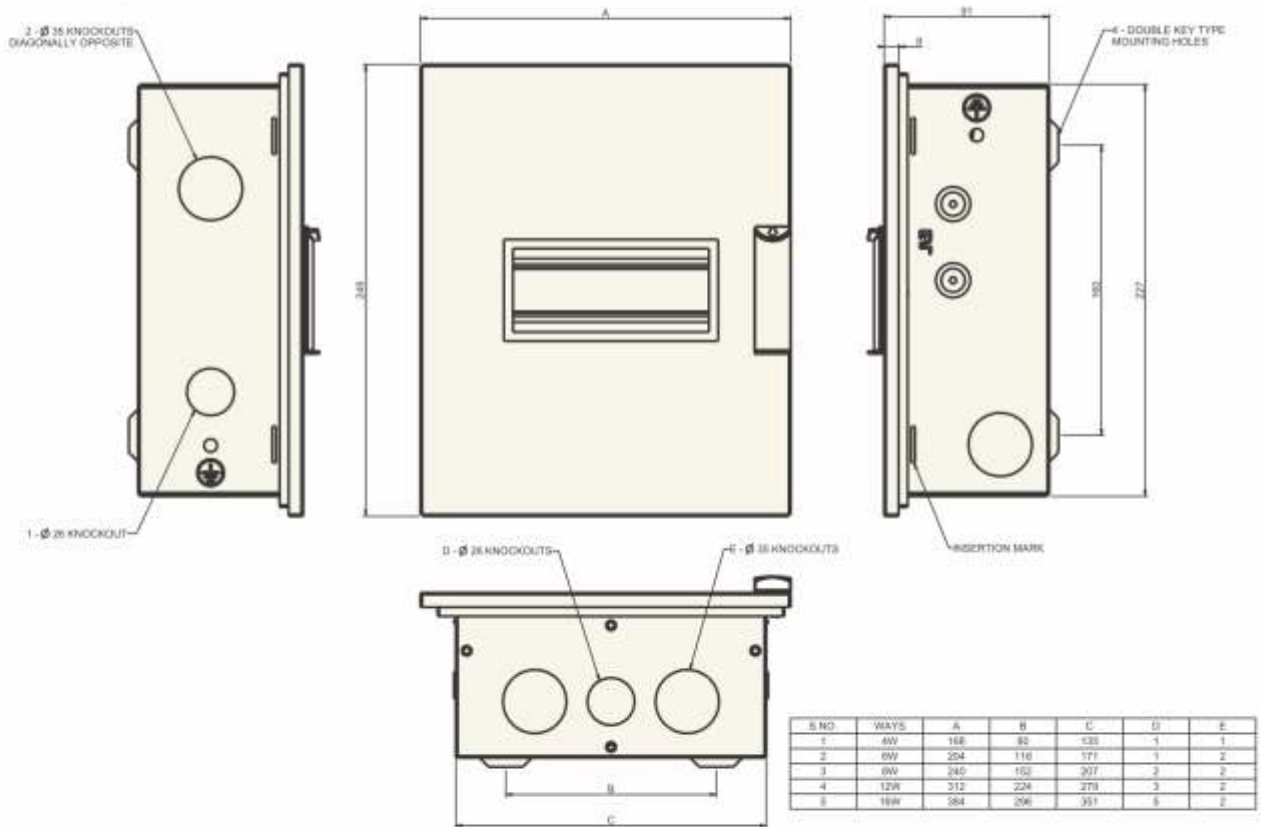


SPN DB Double door

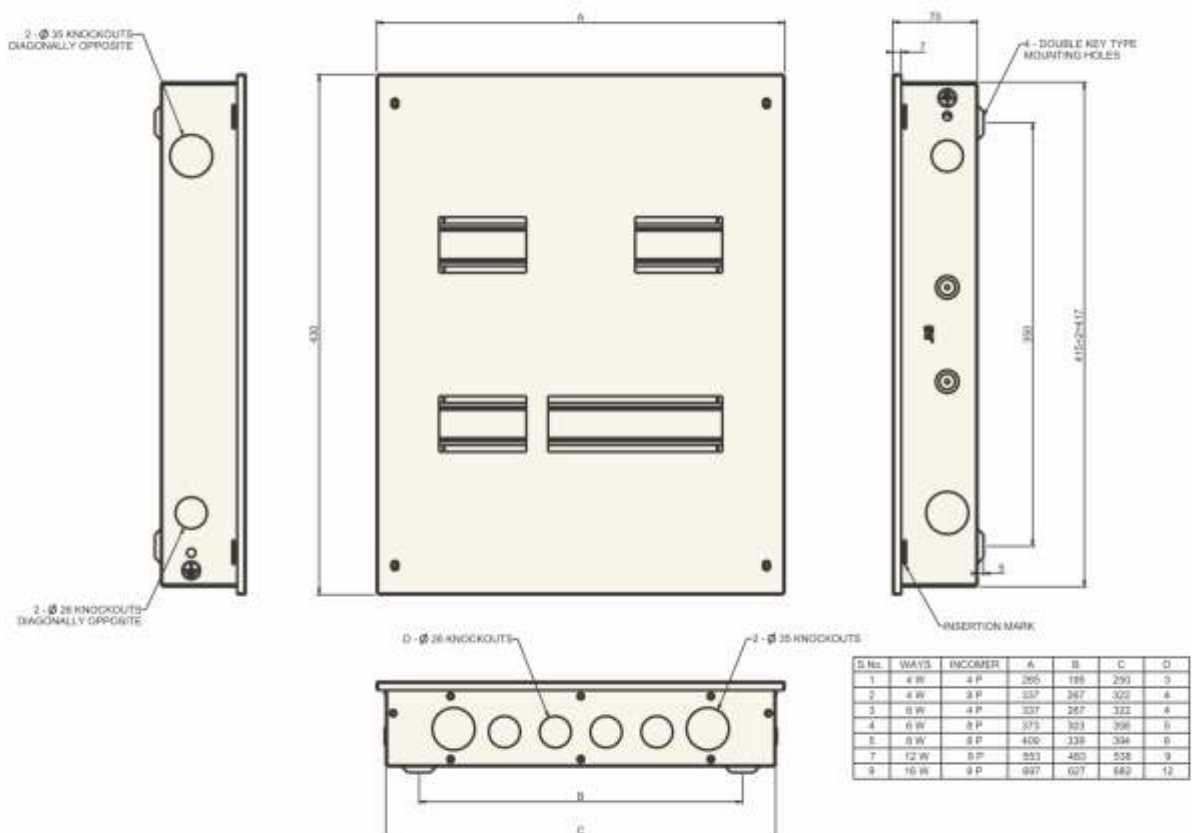


Dimensions

SPN DB Acrylic door

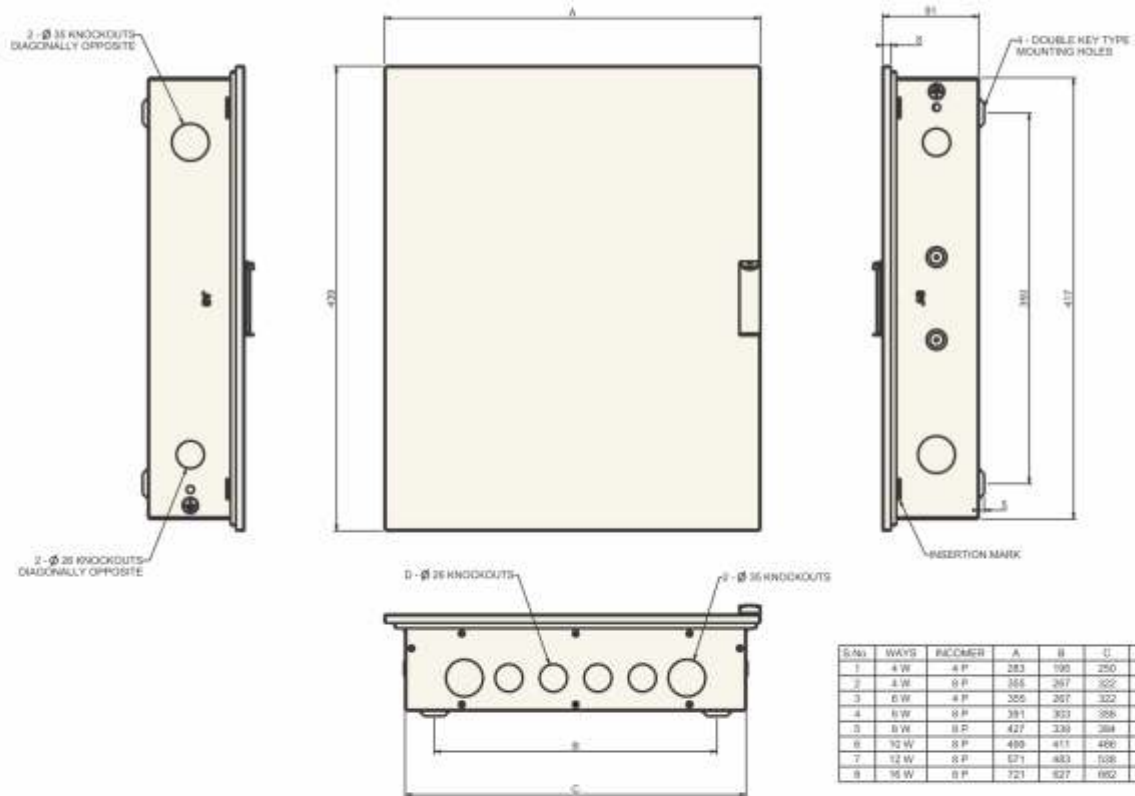


TPN DB Single door

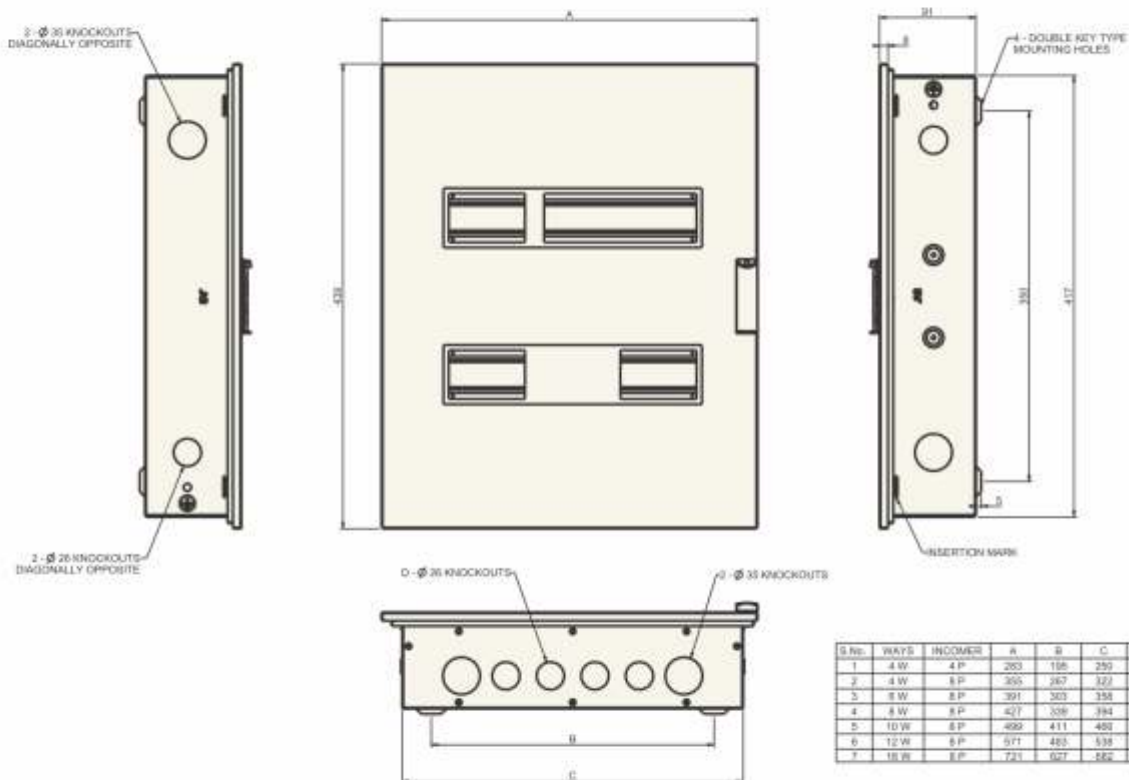


Dimensions

TPN DB Double door

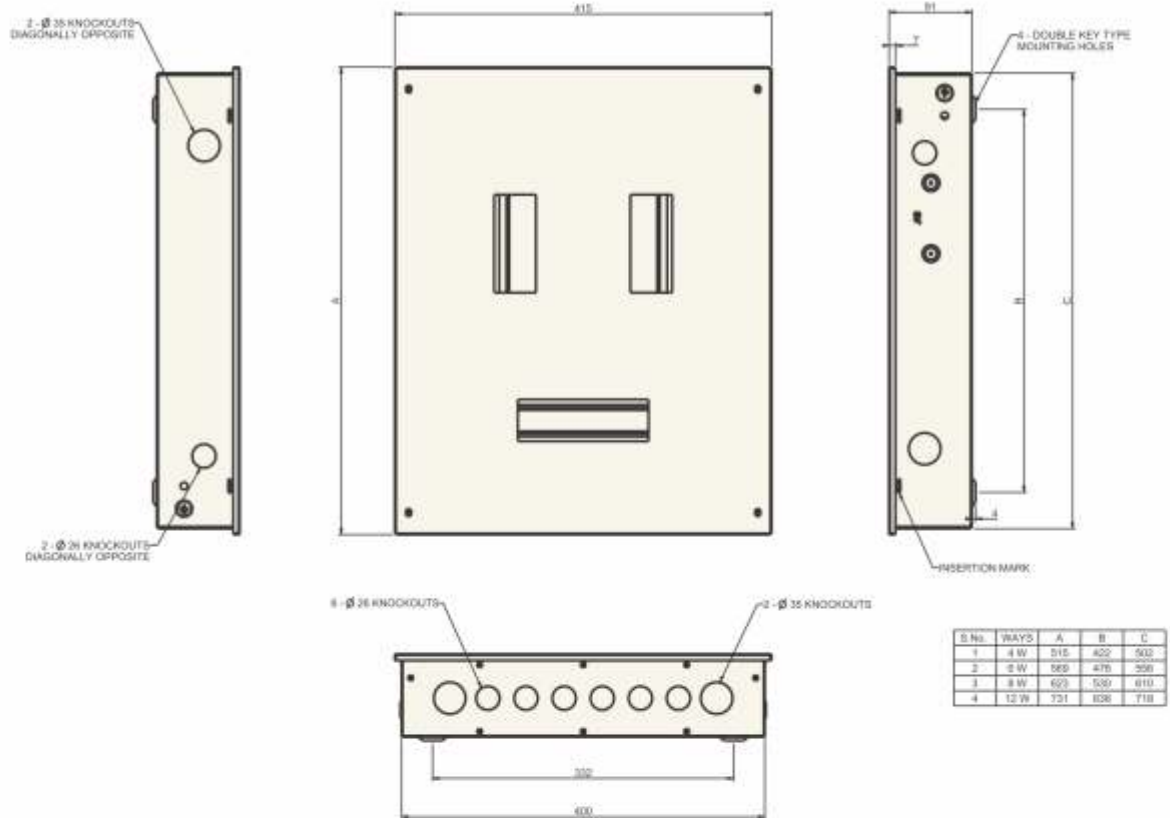


TPN DB Acrylic door

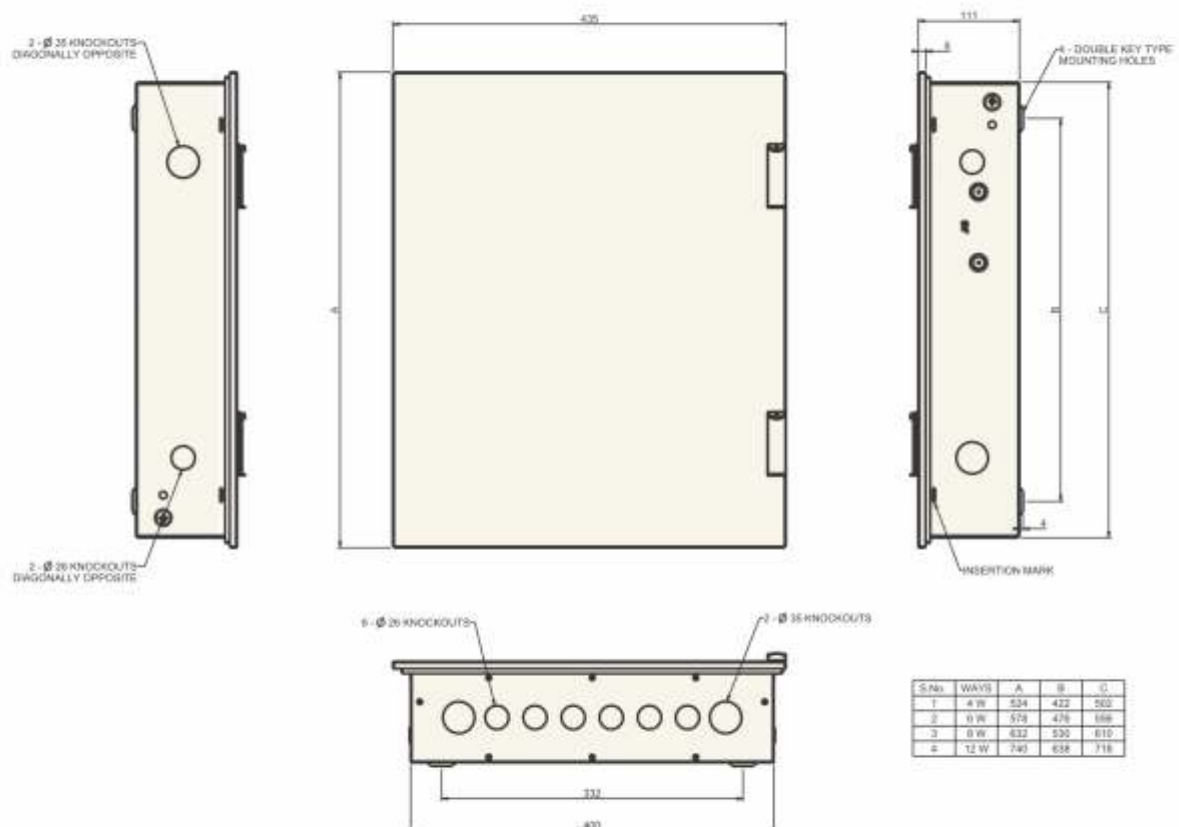


Dimensions

VTPN MCB DB Single door

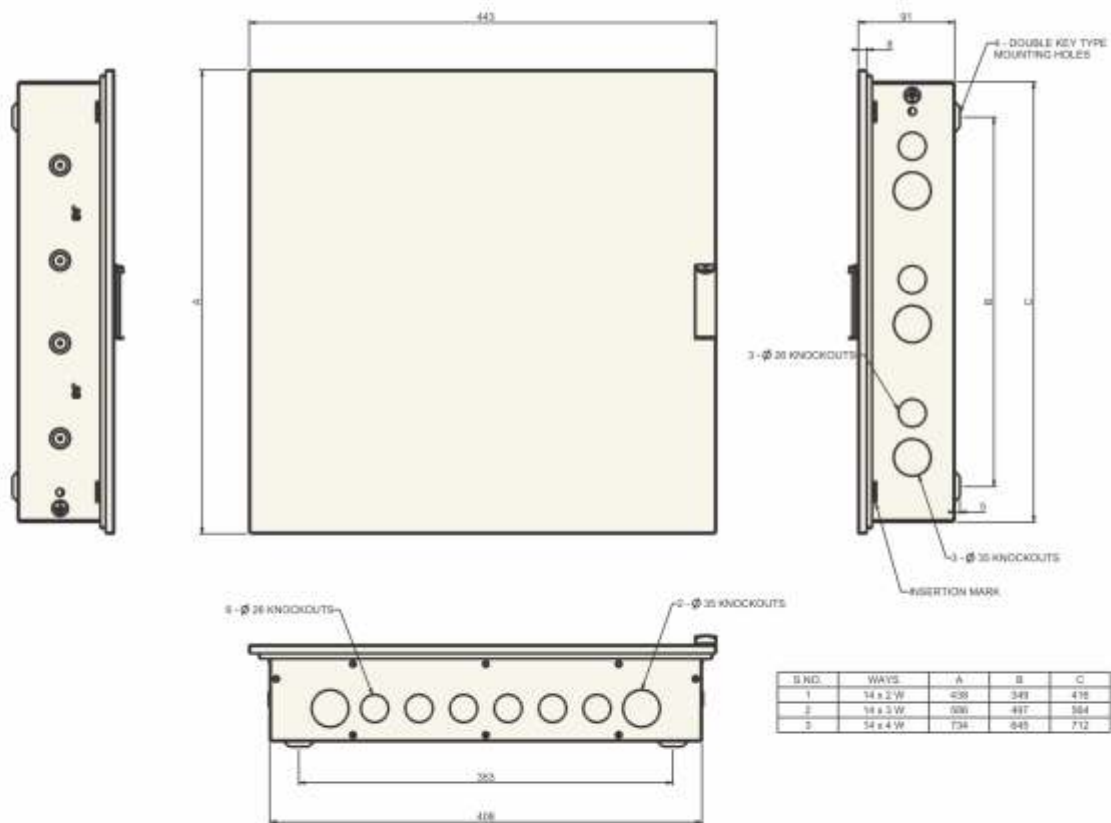


VTPN MCB DB Double door

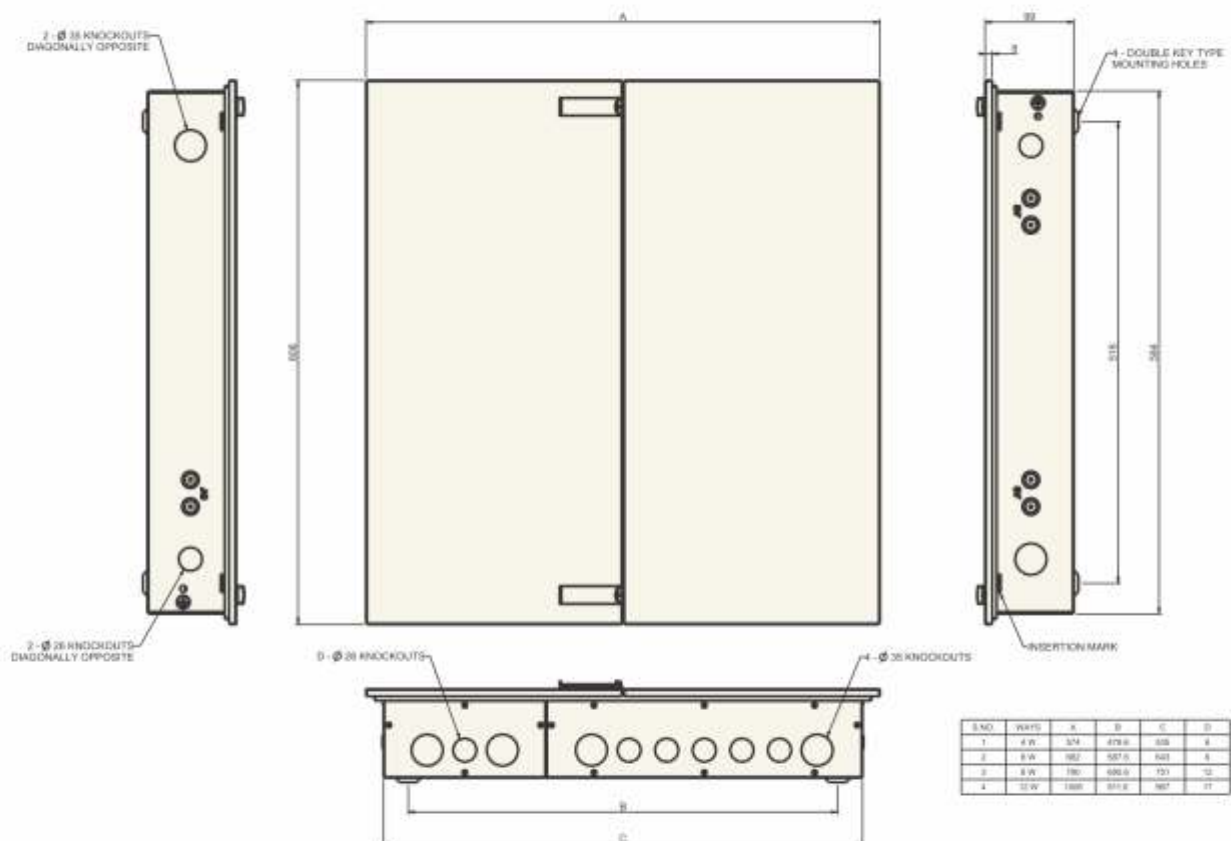


Dimensions

Flexi DB Double door

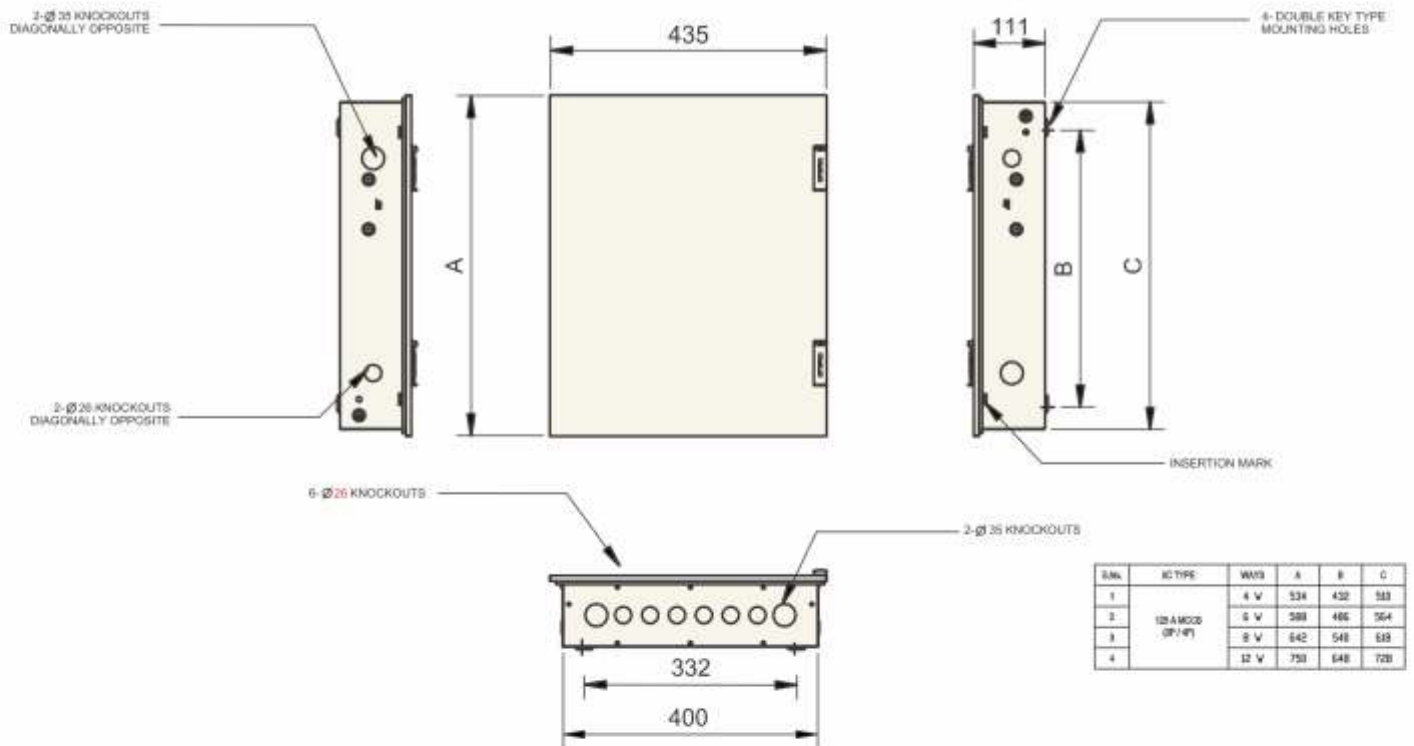


7 Segment DB Double door

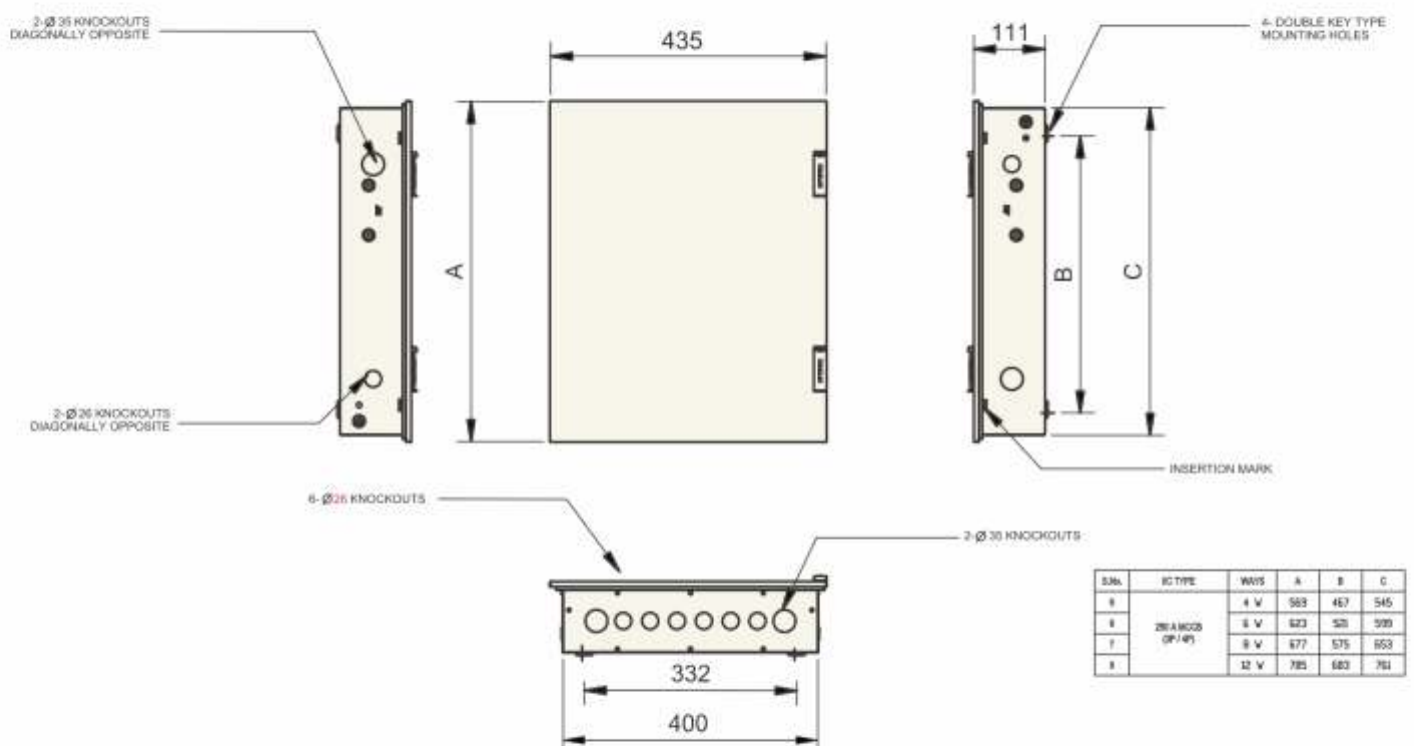


Dimensions

VTPN MCCB 125A DB-Double door

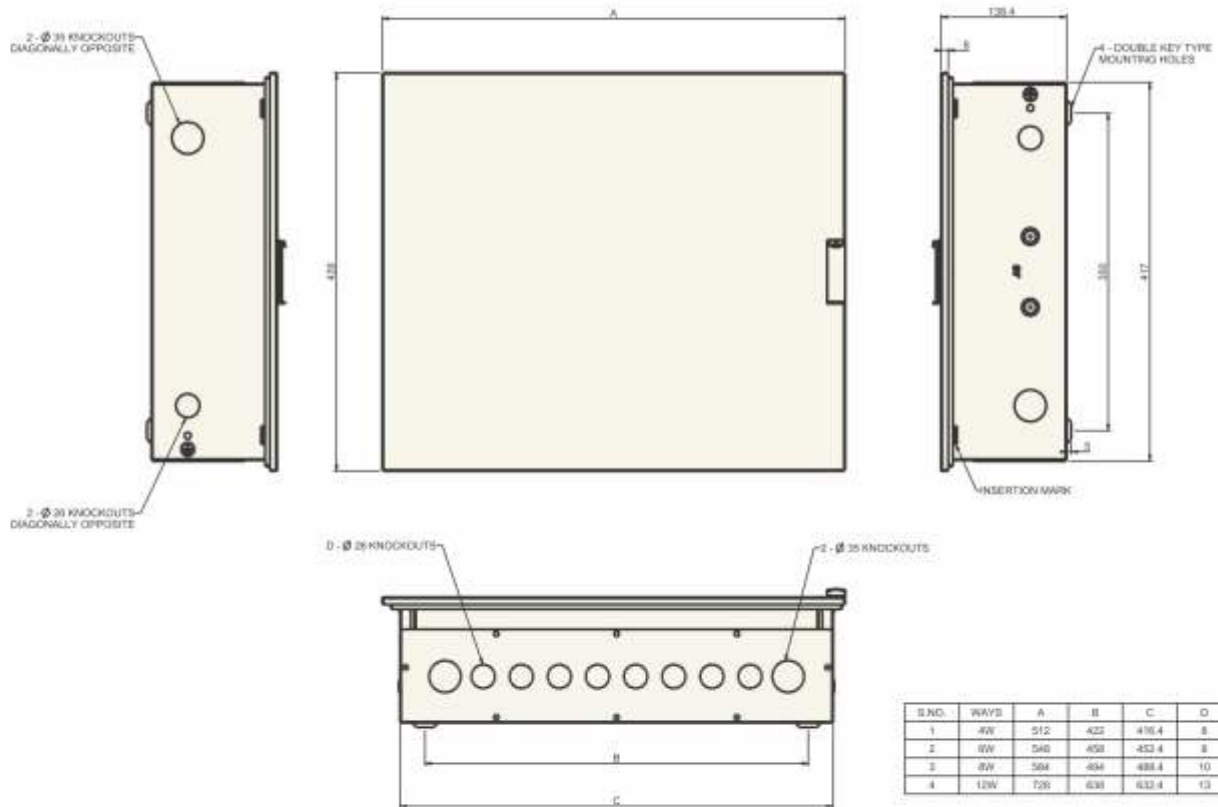


VTPN MCCB 250A DB-Double door

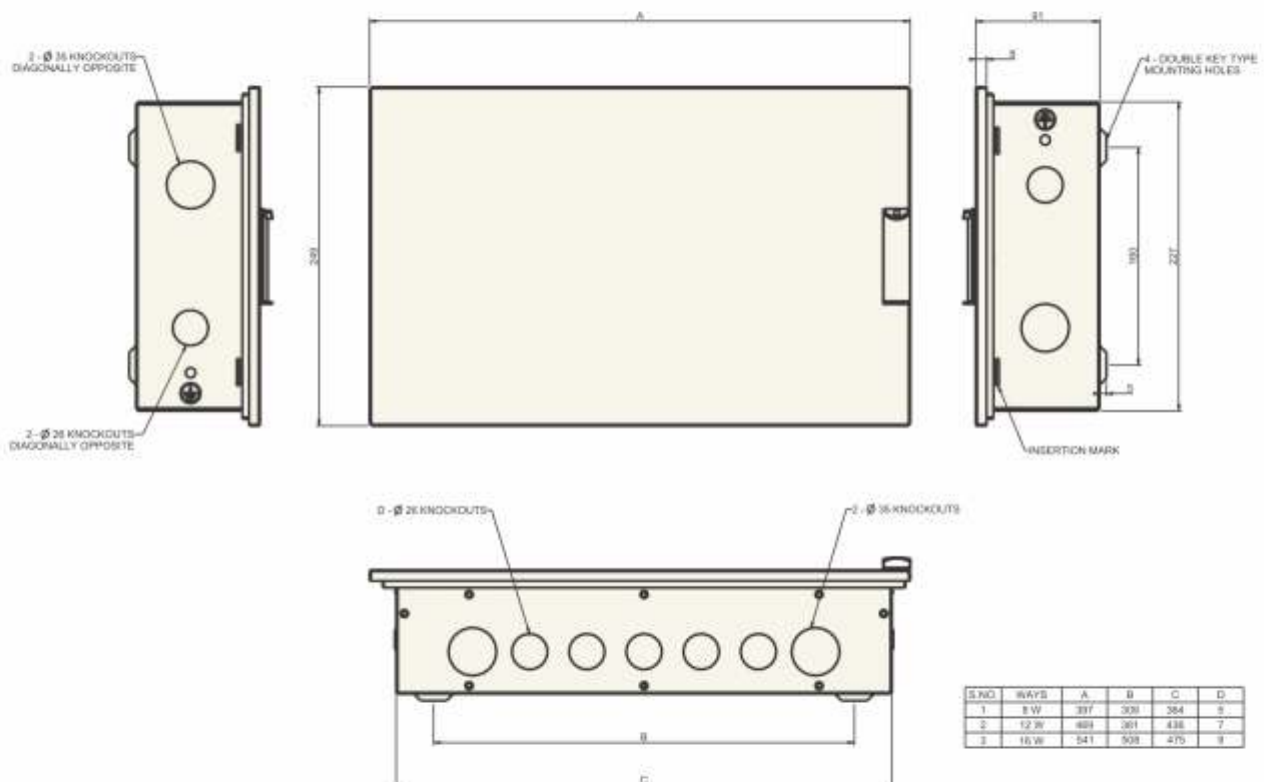


Dimensions

Phase selector DB 40A & 63A Double door

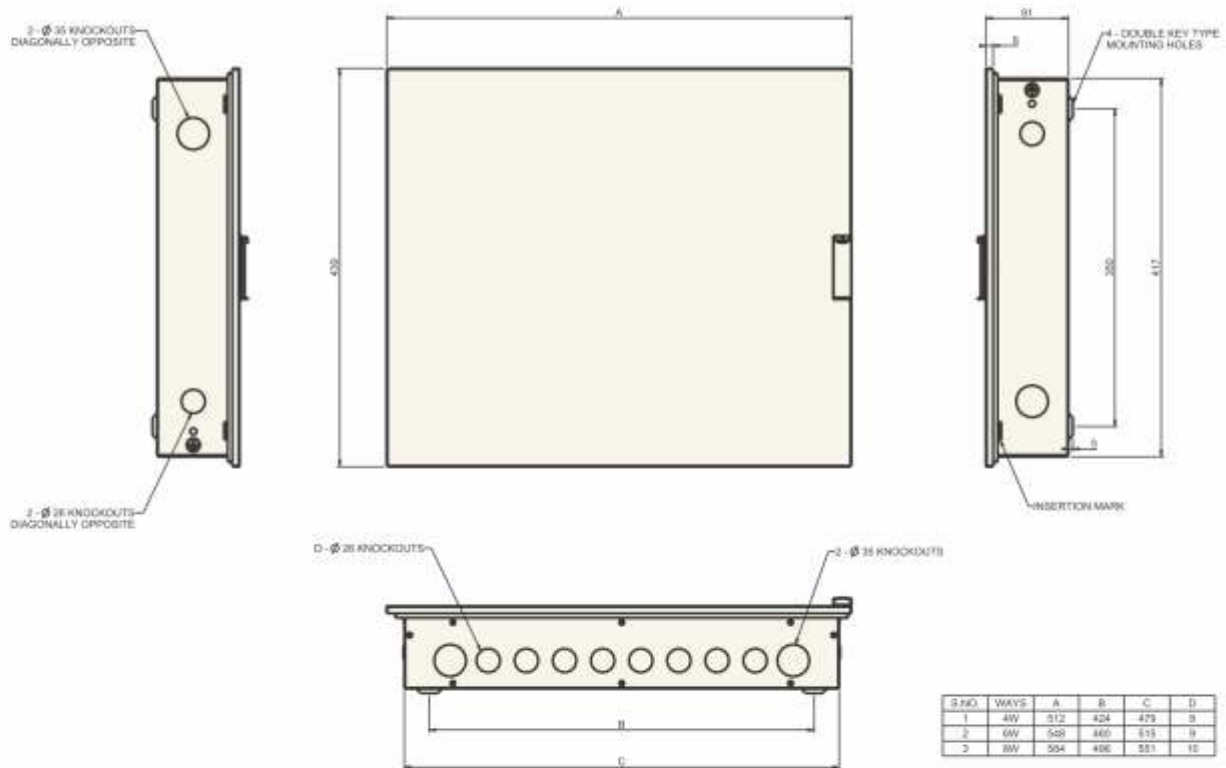


SPN TV/Tel. DB Double Door

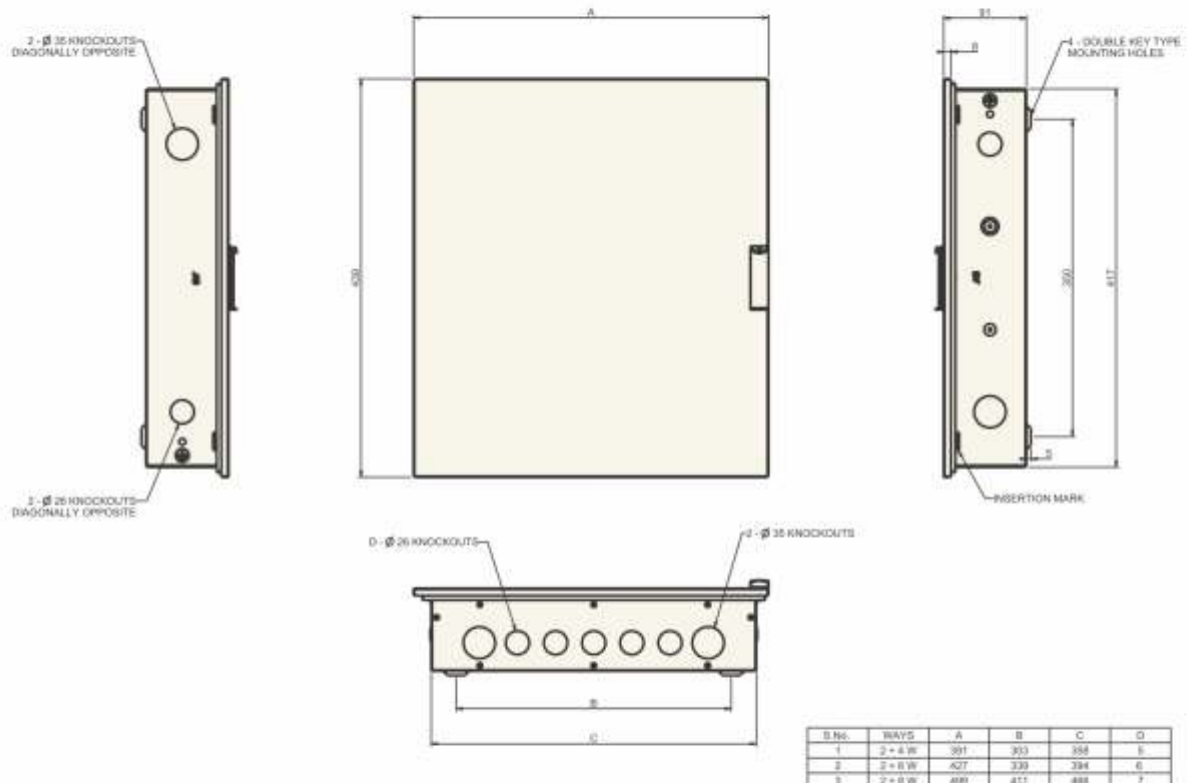


Dimensions

TPN TV/Tel. DB Double Door

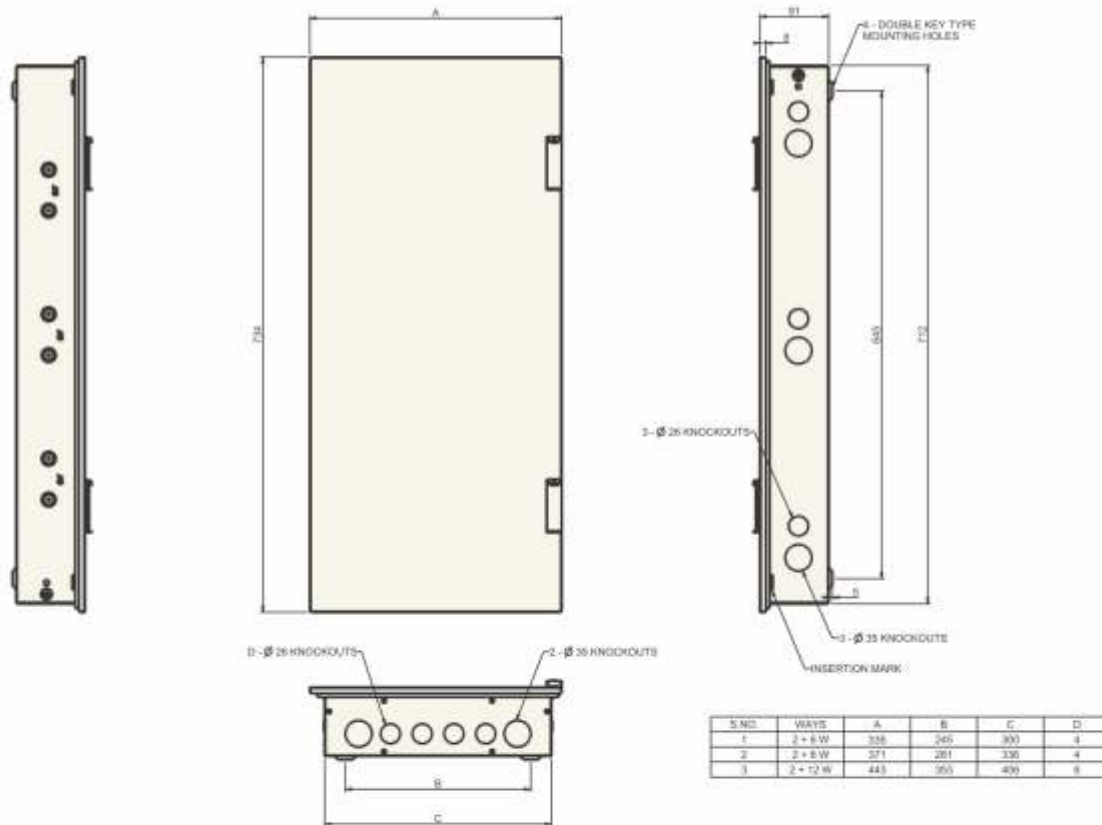


PPI Hor. DB Double Door

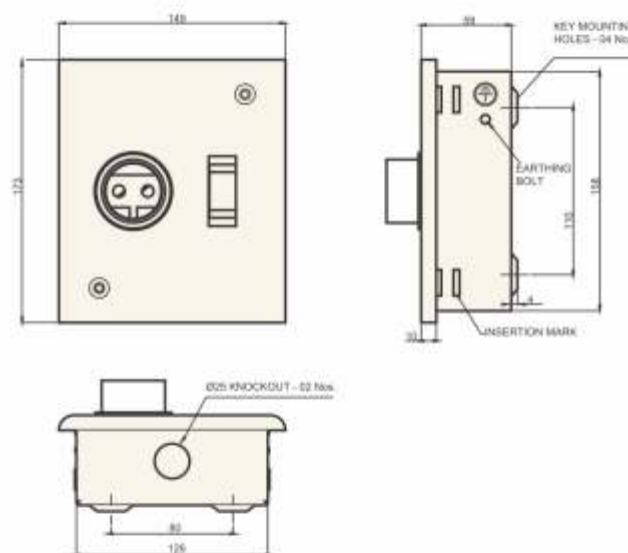


Dimensions

PPI Tier DB Double Door



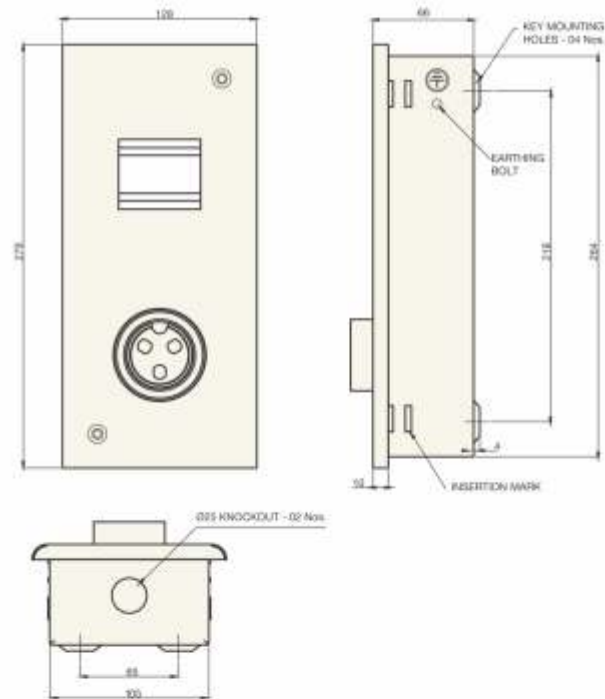
Metal Plug & Socket Box 20A SP & 20A DP



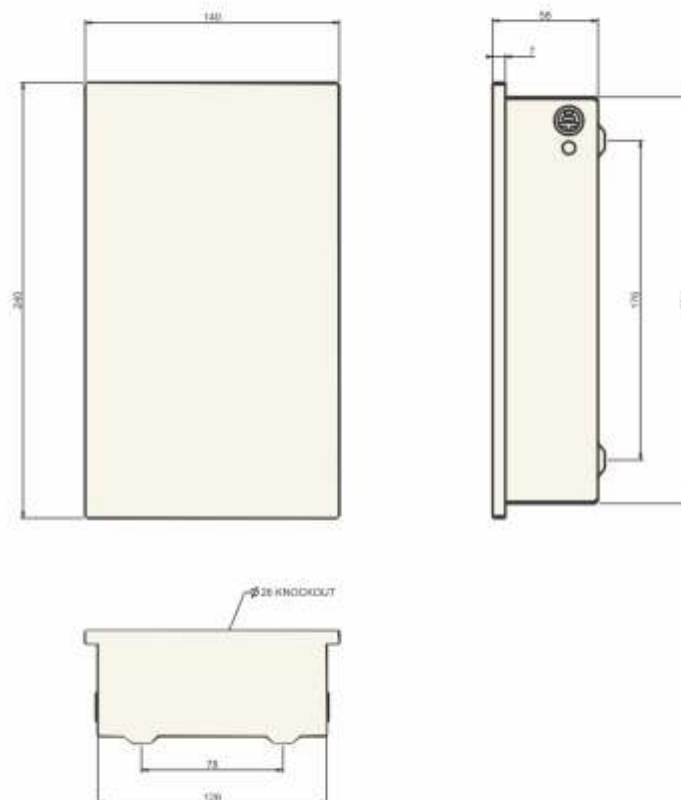
General Tolerance : ±2.0 mm

Dimensions

Metal Plug & Socket Box 20A & 32A TP

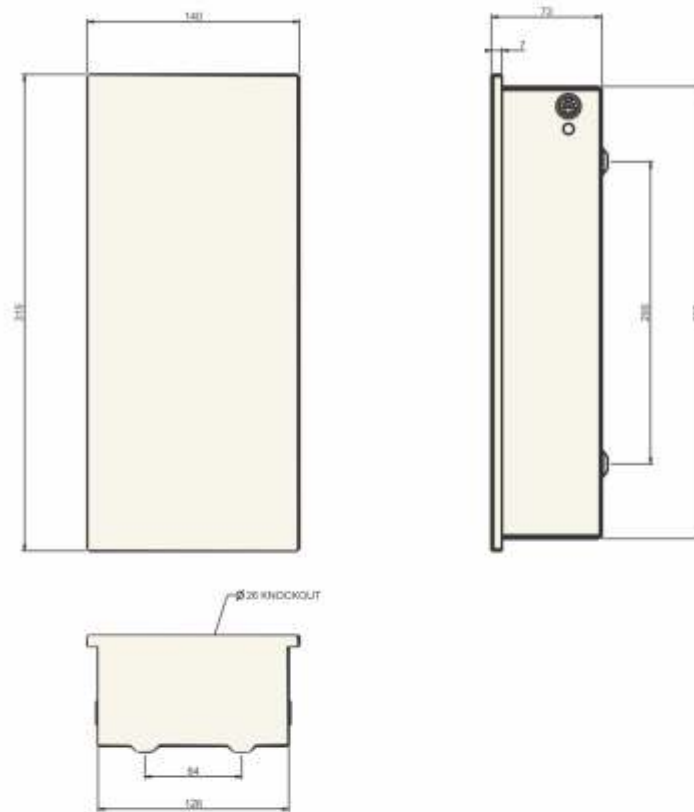


Plastic P&S 16A 3Pin

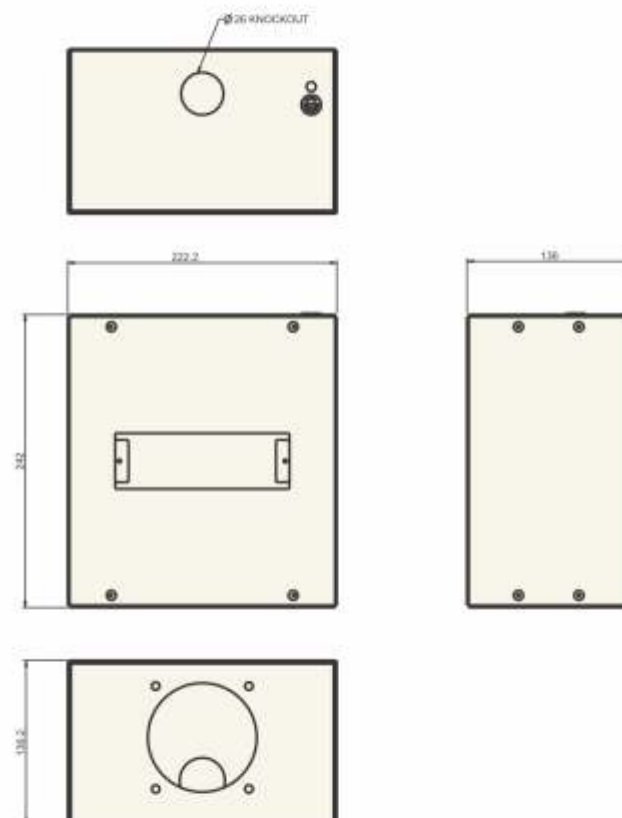


Dimensions

Plastic P&S 32A 3Pin / 5Pin

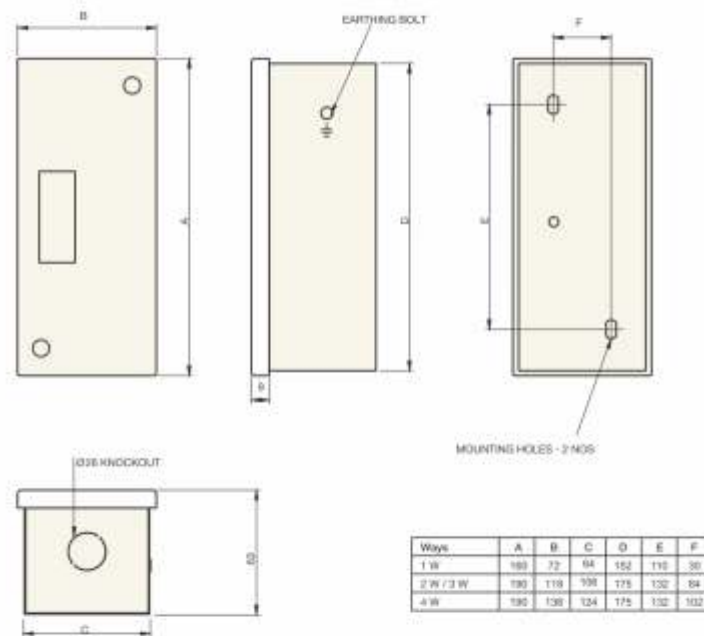


Plastic P&S 63A 5Pin



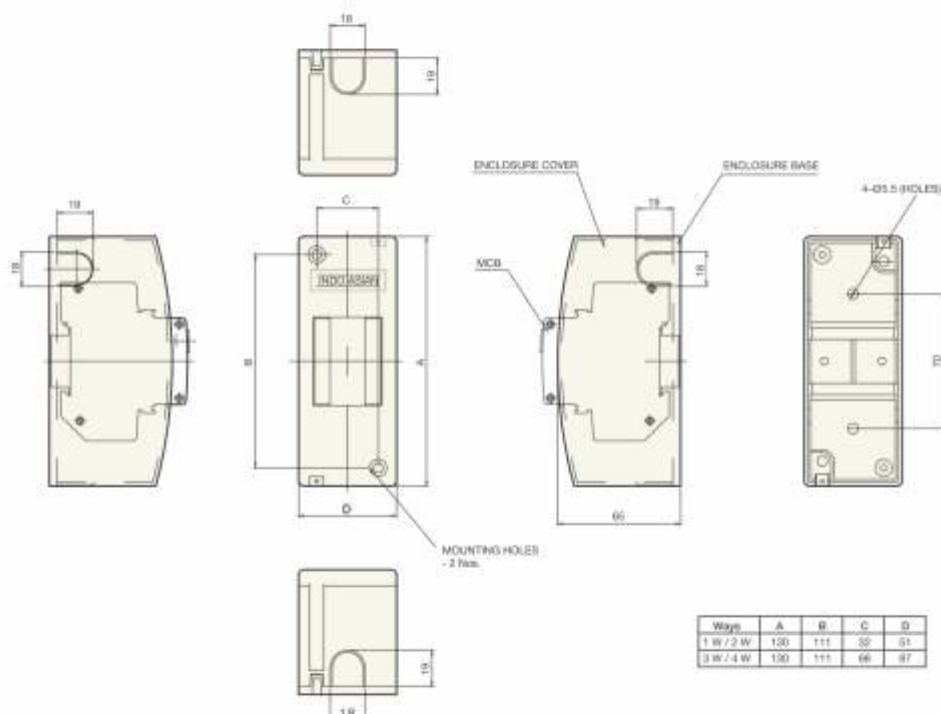
Dimensions

Metal Enclosure



General Tolerance : ± 2.0 mm

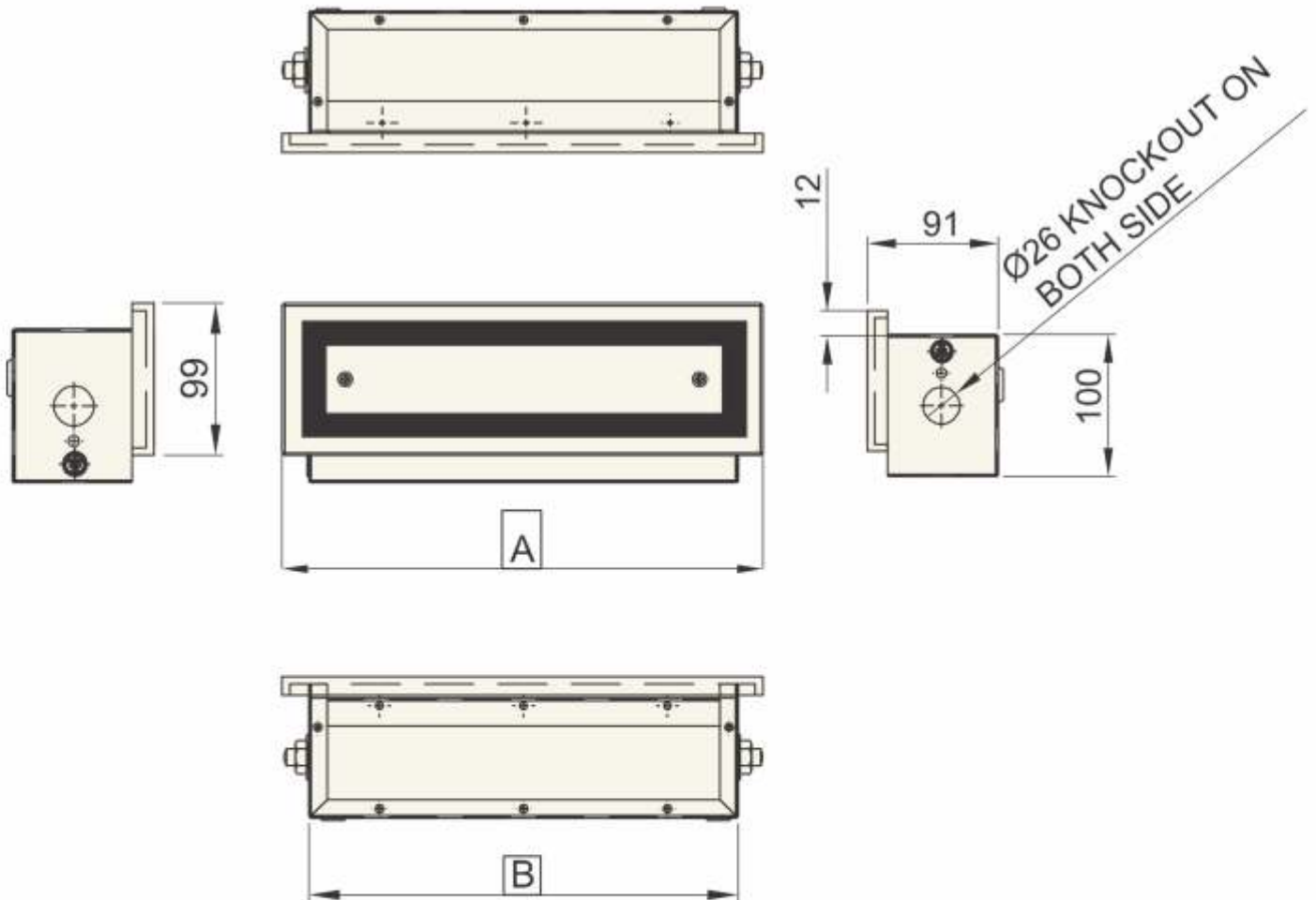
Plastic Enclosures



General Tolerance : ± 2.0 mm

Dimensions

Cable End Box



SPN

S.No.	WAYS	A	B
1	4W	168	135
2	6W	204	171
3	8W	240	207
4	12W	276	243
5	12W	312	279
6	14W	348	315
7	16W	384	351
8	18W	420	387

TPN/PPI HRZN

S.No.	WAYS	LC	A	B
1	4W	4"	283	200
2	4W	8"	355	322
3	6W	4"	355	322
4	6W & 2+4W	8"	381	348
5	6W & 2+6W	8"	427	394
6	10W & 2+6W	8"	489	460
7	12W & 2+10W	8"	571	538
8	16W	8"	725	662

VTPN

S.No.	WAYS	A	B
1	4W	435	400

FLEXY

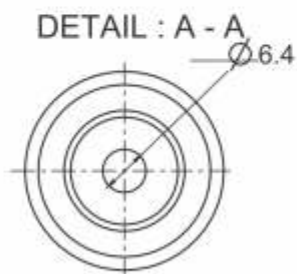
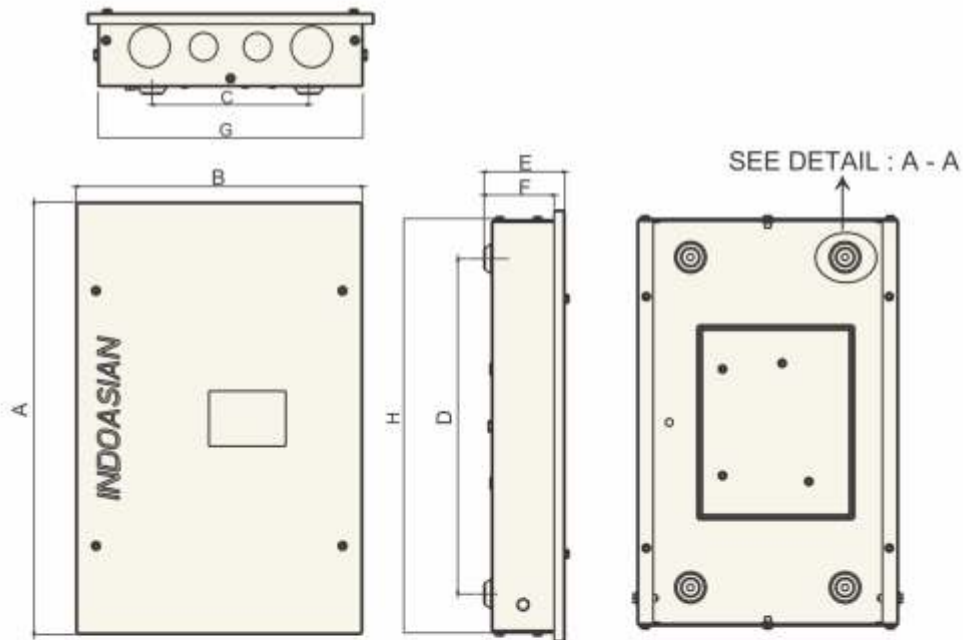
S.No.	WAYS	A	B
1	6W	335	305
2	28W	443	408
3	42W	443	408
4	56W	443	408

PPI TIER

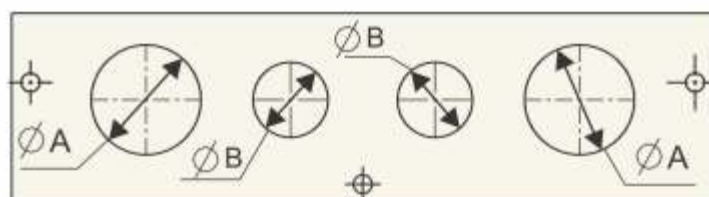
S.No.	WAYS	A	B
1	12W	335	300
2	14W	375	330
3	18W	443	408

Dimensions

MCCB Enclosure



	A	B	C	D	E	F	G	H
811984	400	265	145	310	75	68	245	382.4
811985	400	265	145	310	75	68	245	382.4
811986	420	340	220	330	75	68	320	402.4
811987	420	340	220	330	75	68	320	402.4
811988	420	340	220	330	101	94	320	402.4
811989	420	340	220	330	101	94	320	402.4
811990	720	470	350	630	135	128	450	702.4
811991	720	470	350	630	135	128	450	702.4



S.NO.		KNOCKOUT $\varnothing$ A	KNOCKOUT $\varnothing$ B
1.	811984 / 811985	38	26
2.	811986 / 811987	38	38
3.	811988 / 811989	52	38
4.	811990 / 811991	60	60

SPN DB-Single door

- IP : 30 Protection
- Door Earthing
- Isolated Neutral Bar
- Mechanical Impact Strength Ik08
- Cement Spill Protector

	Ways	Modules	Cat. Nos.
	4	4	811800
	6	6	811801
	8	8	811802
	12	12	811803
	16	16	811804

SPN DB-Double door

- IP : 43 Protection
- Door Earthing
- Isolated Neutral Bar
- Mechanical Impact Strength Ik08
- Cement Spill Protector

	Ways	Modules	Cat. Nos.
	4	4	811805
	6	6	811806
	8	8	811807
	10	10	811812
	12	12	811808
	14	14	811810
	16	16	811809
	18	18	811811

SPN DB - Double door

- IP : 54 Protection
- Door Earthing
- Isolated Neutral Bar
- Mechanical Impact Strength IK 09
- Cement Spill Protector

	Ways	Modules	Cat. Nos.
	4	4	811824
	6	6	811825
	8	8	811826
	12	12	811828
	16	16	811829

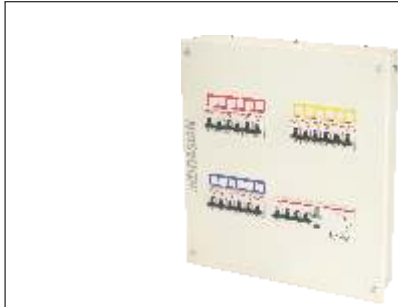
SPN DB-Acrylic door

- IP : 43 Protection
- Cement Spill Protector
- Isolated Neutral Bar
- Door Earthing

	Ways	Modules	Cat. Nos.
	4	4	811816
	6	6	811817
	8	8	811818
	12	12	811819
	16	16	811820

TPN DB-Single door

- IP : 30 Protection
- Door Earthing
- Isolated Neutral Bar
- Mechanical Impact Strength Ik08
- Cement Spill Protector



Ways	Modules	Cat. Nos.
4 Way compact	4+12	811832
4 Way	8+12	811833
6 Way compact	4+18	811834
6 Way	8+18	811835
8 Way	8+24	811836
12 Way	8+36	811837
16 Way	8+48	811838

TPN DB-Double door

- IP : 43 Protection
- Door Earthing
- Isolated Neutral Bar
- Mechanical Impact Strength Ik08
- Cement Spill Protector



Ways	Modules	Cat. Nos.
4 Way compact	4+12	811840
4 Way	8+12	811841
6 Way compact	4+18	811842
6 Way	8+18	811843
8 Way	8+24	811844
12 Way	8+36	811845
16 Way	8+48	811846

TPN DB-Double door

- IP : 54 Protection
- Door Earthing
- Isolated Neutral Bar
- Mechanical Impact Strength IK 09
- Cement Spill Protector



Ways	Modules	Cat. Nos.
4 Way compact	4+12	811856
4 Way	8+12	811857
6 Way compact	4+18	811858
6 Way	8+18	811859
8 Way	8+24	811860
12 Way	8+36	811861

TPN DB-Acrylic door

- IP : 43 Protection
- Cement Spill Protector
- Isolated Neutral Bar
- Door Earthing



Ways	Modules	Cat. Nos.
4 Way compact	4+12	811848
4 Way	8+12	811849
6 Way compact	4+18	811850
6 Way	8+18	811851
8 Way	8+24	811852
12 Way	8+36	811853
16 Way	8+48	811854

VTPN MCB DB-Single door

- IP : 30 Protection
- Door Earthing
- Isolated Neutral Bar
- Mechanical Impact Strength Ik08
- Insulated busbar assembly



Ways	Modules	Cat. Nos.
4 Way	8+12	811864
6 Way	8+18	811865
8 Way	8+24	811866
12 Way	8+36	811867

VTPN MCB DB-Double door

- IP : 43 Protection
- Door Earthing
- Isolated Neutral Bar
- Mechanical Impact Strength Ik08
- Insulated busbar assembly



Ways	Modules	Cat. Nos.
4 Way	8+12	811870
6 Way	8+18	811871
8 Way	8+24	811872
12 Way	8+36	811873

VTPN MCB DB-Double door

- IP : 54 Protection
- Door Earthing
- Isolated Neutral Bar
- Mechanical Impact Strength IK 09
- Cement Spill Protector



Ways	Modules	Cat. Nos.
4 Way	8+12	811882
6 Way	8+18	811883
8 Way	8+24	811884
12 Way	8+36	811885

VTPN MCCB 125A DB-Double door

- IP : 43 Protection
- Door Earthing
- Isolated Neutral Bar
- Mechanical Impact Strength Ik08
- Insulated busbar assembly

	Ways	Modules	Cat. Nos.
	4 Way	Optium F1+12	811888
	6 Way	Optium F1+18	811889
	8 Way	Optium F1+24	811890
	12 Way	Optium F1+36	811891

VTPN MCCB 125A DB-Double door

- IP : 54 Protection
- Door Earthing
- Isolated Neutral Bar
- Mechanical Impact Strength IK 09
- Cement Spill Protector
- Suitable for MCCB's upto 125A as I/C (Frame1)

	Ways	Modules	Cat. Nos.
	4 Way	Optium F1+12	812040
	6 Way	Optium F1+18	812041
	8 Way	Optium F1+24	812042
	12 Way	Optium F1+36	812043

VTPN MCCB 250A DB-Double door

- IP : 43 Protection
- Door Earthing
- Isolated Neutral Bar
- Mechanical Impact Strength Ik08
- Insulated busbar assembly

	Ways	Modules	Cat. Nos.
	4 Way	Optium F2+12	811893
	6 Way	Optium F2+18	811894
	8 Way	Optium F2+24	811895
	12 Way	Optium F2+36	811896

VTPN MCCB 250A DB-Double door

- IP : 54 Protection
- Door Earthing
- Isolated Neutral Bar
- Mechanical Impact Strength IK 09
- Cement Spill Protector
- Suitable for MCCB's upto 250A as I/C (Frame 2)

	Ways	Modules	Cat. Nos.
	4 Way	Optium F2+12	812045
	6 Way	Optium F2+18	812046
	8 Way	Optium F2+24	812047
	12 Way	Optium F2+36	812048

Flexi DB-Double door

- IP : 43 Protection
- Door Earthing
- Isolated Neutral Bar
- Mechanical Impact Strength Ik08
- Cement Spill Protector

	Ways	Modules	Cat. Nos.
	14 X 2 Row	28	811912
	14 X 3 Row	42	811913
	14 X 4 Row	56	811915

Flexi DB-Double door

- IP : 54 Protection
- Door Earthing
- Isolated Neutral Bar
- Mechanical Impact Strength IK 09
- Cement Spill Protector

	Ways	Modules	Cat. Nos.
	14 X 2 Row	28	812030
	14 X 3 Row	42	812031
	14 X 4 Row	56	812033

7 Segment DB-Double door

- IP : 43 Protection
- Door Earthing
- Isolated Neutral Bar
- Mechanical Impact Strength Ik08
- Compartmentalized solution

	Ways	Modules	Cat. Nos.
	4 Way	8+12+12	811925
	6 Way	8+12+18	811926
	8 Way	8+12+24	811927
	12 Way	8+12+36	811928

Phase selector DB 40A Double door

- IP : 43 Protection
- Door Earthing
- 40 A prefitted selector switch
- Mechanical Impact Strength Ik08
- Isolated Neutral Bar

	Ways	Modules	Cat. Nos.
	4 Way	4+12	811940
	6 Way	4+18	811941
	8 Way	8+24	811942
	12 Way	8+36	811943

Phase selector DB 63A Double door

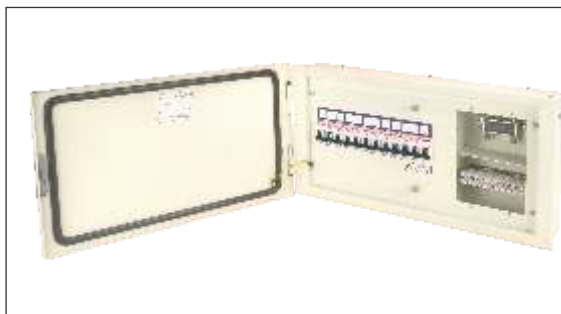
- IP : 43 Protection
- 63 A prefitted selector switch
- Isolated Neutral Bar
- Door Earthing
- Mechanical Impact Strength Ik08



Ways	Modules	Cat. Nos.
4 Way	4+12	811950
6 Way	4+18	811951
8 Way	8+24	811952
12 Way	8+36	811953

TV/TEL DB

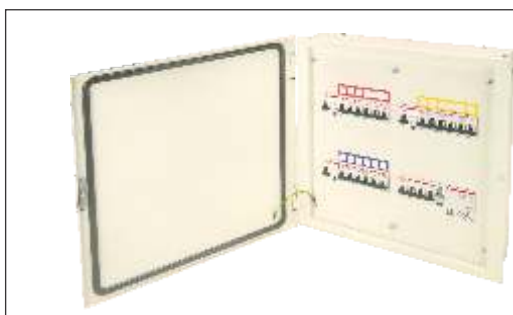
- IP : 43 Protection
- Isolated Neutral Bar & Shrouded Bus Bar
- Mechanical Impact Strength Ik08
- Factory fitted KRONE type TV & TEL socket
- Door Earthing



Ways	Modules	Cat. Nos.
8 Way SPN	8	811963
12 Way SPN	12	811964
16 Way SPN	16	811965
4 Way TPN	8+12	811967
6 Way TPN	8+18	811983
8 Way TPN	8+24	811968

PPI DB-Double door

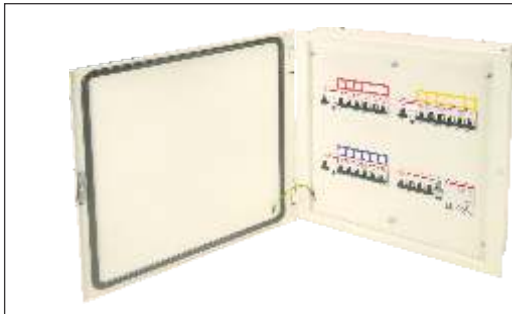
- IP : 43 Protection
- Isolated Neutral Bar for individual phase
- Cement Spill Protector
- Door Earthing
- Mechanical Impact Strength Ik08



Ways	Modules	Cat. Nos.
Hori 4+2 Way	8+6+12	811971
Hori 6+2 Way	8+6+18	811972
Hori 8+2 Way	8+6+24	811973
Tier 6+2 Way	8+6+18	811974
Tier 8+2 Way	8+6+24	811975
Tier 12+2 Way	8+6+36	811976

PPI DB-Double door

- IP :54 Protection
- Door Earthing
- Isolated Neutral Bar
- Mechanical Impact Strength IK 09
- Cement Spill Protector



Ways	Modules	Cat. Nos.
Hori 4+2 Way	8+6+12	812034
Hori 6+2 Way	8+6+18	812035
Hori 8+2 Way	8+6+24	812036
Tier 6+2 Way	8+6+18	812037
Tier 8+2 Way	8+6+24	812038
Tier 12+2 Way	8+6+36	812039

Metal clad P&S

- IP : 30 Protection
- Without MCBs
- Mechanical Impact Strength Ik08



Ways	Modules	Cat. Nos.
20A 2P+E	1 Mod	811955
20A 2P+E	2 Mod	811956
20A 3P+E	3 Mod	811957
32A 3P+E	3 Mod	811958

Plastic P&S

- IP : 30 Protection
- Without MCBs



Ways	Modules	Cat. Nos.
16A 2P+E	2 Mod	811959
32A 2P+E	2 Mod	811960
32A 3P+N+E	4 Mod	811961
63A 3P+N+E	4 Mod	811962

Enclosures



Ways	Modules	Cat. Nos.
1/2 Mod plastic	2	811977
3/4 Mod plastic	4	811978
1 Mod metal	1	811979
2 Mod metal	2	811980
3 Mod metal	3	811981
4 Mod metal	4	811982

CABLE END BOX

- IP : 43 Protection
- Mechanical Impact Strength IK08

	Description	Cat. Nos.
	CEB SPN DD 4W DB	812000
	CEB SPN DD 6W DB	812001
	CEB SPN DD 8W DB	812002
	CEB SPN DD 10W DB	812003
	CEB SPN DD 12W DB	812004
	CEB SPN DD 14W DB	812005
	CEB SPN DD 16W DB	812006
	CEB SPN DD 18W DB	812007
	CEB TPN DD 4W 4 POLE I/C DB	812008
	CEB TPN DD 4W 8 POLE I/C DB	812009
	CEB TPN DD 6W 8P I/C DB or PPI HORI. DD DB 4+2W	812010
	CEB TPN DD 8W DB or PPI HORI. DD DB 6+2W	812011
	CEB TPN DD 10W DB or PPI HORI. DD DB 8+2W	812012
	CEB TPN DD 12W DB	812013
	CEB TPN DD 16W DB	812014
	CEB VTPN MCB I/C DB or VTPN MCCB I/C DD DB	812015
	CEB FLEXY DD 14 MOD. PER ROW DB	812017
	CEB PPI TIER 6+2W	812018
	CEB PPI TIER 8+2W	812019
	CEB PPI TIER 12+2W	812020

MCCB ENCLOSURE

- IP : 30 Protection
- Solid Neutral Link for 3 Pole MCCBs

	Description	Cat. Nos.
	Optipro Enclosure for Frame-1 Optium 3 Pole MCCB	811984
	Optipro Enclosure for Frame-1 Optium 4 Pole MCCB	811985
	Optipro Enclosure for Frame-2 Optium 3 Pole MCCB	811986
	Optipro Enclosure for Frame-2 Optium 4 Pole MCCB	811987
	Optipro Enclosure for Frame-3 Optium 3 Pole MCCB	811988
	Optipro Enclosure for Frame-3 Optium 4 Pole MCCB	811989
	Optipro Enclosure for Frame-4 Optium 3 Pole MCCB	811990
	Optipro Enclosure for Frame-4 Optium 4 Pole MCCB	811991



Indoasian's network of channel partners and distributors spans 60 countries in Africa, Middle East, Far East, Asia Pacific, Europe and Oceania.



CORPORATE OFFICE:

V. J. Business Towers, A-6, 1st Floor, Sector-125, Noida-201301, U.P., India.
Tel.: +91-0120-3305100 Email: international@indoasian.com Website: www.indoasian.com