

Indersons, ND 27, PH: 0114724 3000, sales@indersonsindia.com

Tripper®

IEC/EN
IS
ISI/CE
KEMA

World Class Safety Standards

Tripper products conform to relevant global standards viz., IEC, EN and IS. They also have CE/ISI marking and DEKRA certification.

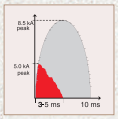




Safety Redefined

Finger proof terminals eliminate chances of accidental contact with live parts. You can install, operate and maintain tripper with total confidence.

IP20
Fingerproof
Terminals



Energy Limiting Class - 3

If fault occurs, the rapid arc quenching mechanism operates and extinguishes the arc quickly, ensuring lowest possible energy flow through the circuit. This minimizes risk of fire and maximizes life of your equipment.

3



Safety Meets Superior Aesthetics

Ergonomically designed, profiled for superior cooling and manufactured with fire retardant material. Tripper offers user safety combined with elegance.





True Contact Indication

Tripper range enhances safety through true contact indication even from a distance regardless of it's knob position. Red and Green indication flag positively identifies the electrical ON/OFF status.

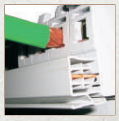
OFF
ON



Innovatively Profiled Breathing Channels

When two or more poles are placed adjacent to each other, the breathing channels are so profiled that the air circulates around individual pole, resulting in cooler operation, year after year.

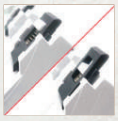




Large Terminal Size & Biconnect

Tripper can easily accommodate cables of up to 35 sq.mm. Biconnect terminals offer convenience of connecting both cable and bus bar.

OR / AND



Two Position DIN Rail Clip

Installation on a DIN rail is further simplified with a two position DIN rail clip as a standard feature. Tripper range makes mounting on a standard DIN rail more convenient.



Non-Welding Contacts

Silver Graphite contact tips ensure higher life and maximum safety against contact welding due to it's superior anti-welding properties, enhancing safety and life of the system.



Combihead Screw

Tripper range of products provided with combihead screws allow you to use standard as well as Phillips screwdrivers, offering flexibility.

HIGHLIGHTS

- ISI marked, CE marked
- Conforms to IS/IEC 60898 - 6 kA
- Higher life with use of heavy duty contacts
- Innovatively designed breathing channels between poles ensure cooler operation
- Energy saving - watt loss approximately 50% lower than those prescribed by IEC standard
- Manufactured with high quality fire retardant material
- True contact indication for enhanced safety


Single Pole

MINIATURE CIRCUIT BREAKERS (MCBs) - B CURVE

	Single Pole	
Description	Cat No	MRP/Unit in ₹
6A B Curve	BA10060B	198
10A B Curve	BA10100B	198
16A B Curve	BA10160B	198
20A B Curve	BA10200B	198
25A B Curve	BA10250B	198
32A B Curve	BA10320B	198
40A B Curve	BA10400B	465


Single Pole Double Pole Three Pole Four Pole

MINIATURE CIRCUIT BREAKERS (MCBs) - C CURVE

	Single Pole		Double Pole		Three Pole		Four Pole	
Description	Cat No	MRP/Unit in ₹	Cat No	MRP/Unit in ₹	Cat No	MRP/Unit in ₹	Cat No	MRP/Unit in ₹
6A C Curve	BA10060C	198	BA20060C	720	BA30060C	1190	BA40060C	1575
10A C Curve	BA10100C	198	BA20100C	720	BA30100C	1190	BA40100C	1575
16A C Curve	BA10160C	198	BA20160C	720	BA30160C	1190	BA40160C	1575
20A C Curve	BA10200C	198	BA20200C	720	BA30200C	1190	BA40200C	1575
25A C Curve	BA10250C	198	BA20250C	720	BA30250C	1190	BA40250C	1575
32A C Curve	BA10320C	198	BA20320C	720	BA30320C	1190	BA40320C	1575
40A C Curve	BA10400C	465	BA20400C	1065	BA30400C	1710	BA40400C	2090
63A C Curve	BA10630C	520	BA20630C	1180	BA30630C	1835	BA40630C	2245

Note: Standard Pack Quantity for MCB: SP - 12 Nos., DP - 6 Nos., TP - 4 Nos., FP - 3 Nos.

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HIGHLIGHTS

- ISI marked, CE marked
- Conforms to IS 12640 - 1, IEC 61008-1
- Available in DP & FP versions from 25A to 63A ratings with 30mA, 100mA & 300mA sensitivity
- Operates on Core Balance Current Transformer (CBCT) principle
- Finger proof IP20 terminals

RESIDUAL CURRENT CIRCUIT BREAKERS/EARTH LEAKAGE CIRCUIT BREAKERS (RCCBs/ELCBs)



Double Pole



Four Pole

	Double Pole		Four Pole	
Description	Cat No	MRP/Unit in ₹	Cat No	MRP/Unit in ₹
25A 30mA	BC202503	2620	BC402503	3435
25A 100mA	BC202510	2715	BC402510	3500
25A 300mA	BC202530	2715	BC402530	3500
40A 30mA	BC204003	2895	BC404003	3490
40A 100mA	BC204010	2925	BC404010	3565
40A 300mA	BC204030	2925	BC404030	3565
63A 30mA	BC206303	3700	BC406303	3885
63A 100mA	BC206310	3745	BC406310	3940
63A 300mA	BC206330	3745	BC406330	3940

HIGHLIGHTS

- CE marked
- Conforms to IEC 60947 - 3
- Higher life with use of heavy duty contacts
- Innovatively designed breathing channels between poles ensure cooler operation
- Manufactured with high quality fire retardant material
- True contact indication for enhanced safety

ISOLATORS



Double Pole



Three Pole



Four Pole

	Double Pole		Three Pole		Four Pole	
Description	Cat No	MRP/Unit in ₹	Cat No	MRP/Unit in ₹	Cat No	MRP/Unit in ₹
40A Isolator	BE204000	450	BE304000	785	BE404000	1015
63A Isolator	BE206300	565	BE306300	900	BE406300	1050
100A Isolator	BE210000	765	BE310000	1065	BE410000	1270

Note: Standard Pack Quantity for Isolator : DP - 6 Nos., TP - 4 Nos., FP - 3 Nos.

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Tripper®

HIGHLIGHTS

- CE marked
- Conforms to IEC 60947-6, IEC 60947-3
- Wide Range of Current Ratings
  - ➢ Generator Side - 1.5A to 30A
  - ➢ Electricity Board Side - 30A
- No. of Poles 1P+N, for single phase applications
- Protection Degree - IP20
- Reliable microcontroller based design for sensing & control
- Lower power consumption
- RoHS compliant



ACCL

AUTOMATIC CHANGEOVER WITH CURRENT LIMITER(ACCL)

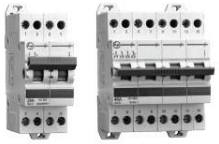
Description EB/DG	Modules	Cat No	MRP/Unit in ₹
30A/1.5A	4	BCL010301E5	2085
30A/2.5A	4	BCL010302E5	2085
30A/3A	4	BCL01030003	2085
30A/4A	4	BCL01030004	2085
30A/5A	4	BCL01030005	2085
30A/6A	4	BCL01030006	2085
30A/8A	4	BCL01030008	2085
30A/10A	4	BCL01030010	2085
30A/12A	4	BCL01030012	2085
30A/15A	4	BCL01030015	2085
30A/20A	4	BCL01030020	2085
30A/30A#	4	BCL01030030	2085

#Non current limiting variant

HIGHLIGHTS

- Conforms to IEC 60947-3
- Available with 3 positions (I-O-II) with centre off position
- Utilization category AC-22A

NEW



Double Pole Four Pole

MODULAR CHANGEOVER SWITCHES

Double Pole				Four Pole			
Description	Modules	Cat No	MRP/Unit in ₹	Description	Modules	Cat No	MRP/Unit in ₹
25A	2	AUC00202500	1550	40A	4	AUC00404000	4085
40A	2	AUC00204000	2370	63A	6	AUC00406300	4635
63A	3	AUC00206300	2760				

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HIGHLIGHTS

- ISI marked, CE marked
- Conforms to IS 12640-2, IEC 61009-1
- Combination of ELCB & MCB (EL+MCB) offers 3 in 1 protection against - overload, short circuit and earth leakage
- Easy fault identification -
  1. Over current fault : MCB side knob trips
  2. Leakage current fault : Both MCB and ELCB side knobs trip



Double Pole



Four Pole

EARTH LEAKAGE + MINIATURE CIRCUIT BREAKER - EL+MCB (RCBO)

Double Pole

Description	Cat No (30 mA)	MRP/Unit in ₹	Cat No (100 mA)	Cat No (300 mA)	MRP/Unit in ₹
6A 2P EL+MCB	CB900010OTO	3820	CB900030OTO	CB900050OTO	3960
10A 2P EL+MCB	CB900010OVO	3820	CB900030OVO	CB900050OVO	3960
16A 2P EL+MCB	CB900010OBO	3820	CB900030OBO	CB900050OBO	3960
20A 2P EL+MCB	CB900010OCO	3820	CB900030OCO	CB900050OCO	3960
25A 2P EL+MCB	CB900010ODO	3820	CB900030ODO	CB900050ODO	3960
32A 2P EL+MCB	CB900010OEO	4290	CB900030OEO	CB900050OEO	4210
40A 2P EL+MCB	CB900010OFO	4290	CB900030OFO	CB900050OFO	4210
63A 2P EL+MCB	CB900010OHO	5265	CB900030OHO	CB900050OHO	5025

EARTH LEAKAGE + MINIATURE CIRCUIT BREAKER - EL+MCB (RCBO)

Four Pole

Description	Cat No (30 mA)	MRP/Unit in ₹	Cat No (100 mA)	Cat No (300 mA)	MRP/Unit in ₹
6A 4P EL+MCB	CB900020OTO	4535	CB900040OTO	CB900060OTO	4430
10A 4P EL+MCB	CB900020OVO	4535	CB900040OVO	CB900060OVO	4430
16A 4P EL+MCB	CB900020OBO	4535	CB900040OBO	CB900060OBO	4430
20A 4P EL+MCB	CB900020OCO	4535	CB900040OCO	CB900060OCO	4430
25A 4P EL+MCB	CB900020ODO	4535	CB900040ODO	CB900060ODO	4430
32A 4P EL+MCB	CB900020OEO	4895	CB900040OEO	CB900060OEO	4665
40A 4P EL+MCB	CB900020OFO	4895	CB900040OFO	CB900060OFO	4665
63A 4P EL+MCB	CB900020OHO	5795	CB900040OHO	CB900060OHO	5415

Note: Standard Pack Quantity for EL+MCB: DP - 8 Nos., FP - 6 Nos.

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Trip box PLUS

VALUE + STYLE

The Tripbox PLUS range of Distribution Boards offer the perfect blend of aesthetics and value. Crafted for modern homes, its features ensure ease of installation, enhanced safety and protection with a dash of style.



SAFETY WITH STYLE

Options for flush and surface mounting

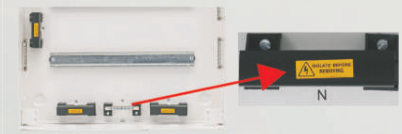
Powder - coated, matte finish - RAL9003

Insulated Busbar



As per IS 8623 Standards

Shrouded neutral bars to avoid accidental contact with live parts

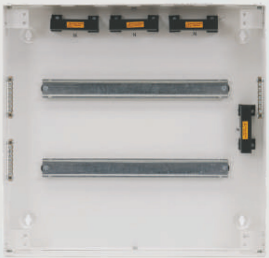


EASE OF INSTALLATION

Reversible door for double door Distribution Boards to adapt to site conditions



More space for ease of wiring



PROTECTION FROM DAMAGE

CRCA sheet steel for extra durability

Plastic corners for corner protection



Cement spill protector - To protect DB interior from cement splashes during civil work



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SPN DISTRIBUTION BOARDS

- As per IS 8623
- Available in 4, 6, 8, 12 & 16 way
- Ready to use DBs, complete with colour - coded wire set, 100A insulated bus bar, Neutral bar/s with shroud/s, Earth bar/s, Cement Spill Protector, Cable ties, Blanking plates and Circuit identification label
- Choice of metal and glazed door
- With provision for DP MCB/Isolator/RCCB/RCBO as incomer and SP MCBs as outgoings



Double Door



Double Door Glazed

SPN DISTRIBUTION BOARDS

Description	Modules		Double Door	MRP/Unit in ₹	Double Door - Glazed	MRP/Unit in ₹
	Incomer	Outgoing				
4-Way	2	2	PH104DDB	1525	PH104DDG	1990
6-Way	2	4	PH106DDB	1765	PH106DDG	2135
8-Way	2	6	PH108DDB	1880	PH108DDG	2325
12-Way	2	10	PH112DDB	2260	PH112DDG	2815
16-Way	2	14	PH116DDB	2835	PH116DDG	3480

TPN DISTRIBUTION BOARDS

- As per IS 8623
- Available in 4, 6, 8 & 12 way
- Ready to use DBs, complete with colour - coded wire set, 100A insulated bus bars, Neutral bar/s with shroud/s, Earth bar/s, Cement Spill Protector, Cable ties, Blanking plates and Circuit identification label
- Choice of metal and glazed door
- With provision for FP MCB/Isolator/RCCB/RCBO as incomer and SP MCBs as outgoings



Double Door



Double Door Glazed

TPN DISTRIBUTION BOARDS

Description	Modules		Double Door	MRP/Unit in ₹	Double Door - Glazed	MRP/Unit in ₹
	Incomer	Outgoing				
4-Way	8	4+4+4	PH304DDB	3740	PH304DDG	4885
6-Way	8	6+6+6	PH306DDB	4660	PH306DDG	6050
8-Way	8	8+8+8	PH308DDB	5570	PH308DDG	7245
12-Way	8	12+12+12	PH312DDB	8300	PH312DDG	11090

HORIZONTAL PPI (PER PHASE ISOLATION) DBs

- As per IS 8623
- Available in 4, 6, 8 & 12 way
- Ready to use DBs, complete with colour - coded wire set, 100A insulated bus bars, Neutral bar/s with shroud/s, Earth bar/s, Cement Spill Protector, Cable ties, Blanking plates and Circuit identification label
- With provision for FP MCB/Isolator/RCCB/RCBO as incomer, DP RCCB/RCBO as sub-incomer and SP MCBs as outgoings



Double Door

HORIZONTAL PPI (PER PHASE ISOLATION) DBs

Description	Modules			Double Door	MRP/Unit in ₹
	Incomer	Sub-Incomer	Outgoing		
4-Way	8	2+2+2	4+4+4	PHP304DDB	6185
6-Way	8	2+2+2	6+6+6	PHP306DDB	7405
8-Way	8	2+2+2	8+8+8	PHP308DDB	8835
12-Way	8	2+2+2	12+12+12	PHP312DDB	12045

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PHASE SEGREGATED DBs

- As per IS 8623
- Available in 4, 6, 8 & 12 way
- Ready to use DBs, complete with colour - coded wire set, 100A insulated bus bars, Neutral bar/s with shroud/s, Earth bar/s, Cement Spill Protector, Cable ties, Blanking plates and Circuit identification label
- With provision for FP MCB/Isolator as incomer, DP RCCB/RCBO as sub-incomer and SP MCBs as outgoings



Double Door

PHASE SEGREGATED DBs

Description	Modules			Double Door	MRP/Unit in ₹
	Incomer	Sub-Incomer	Outgoing		
4-Way	8	4+4+4	4+4+4	PHS304DDB	9835
6-Way	8	4+4+4	6+6+6	PHS306DDB	11100
8-Way	8	4+4+4	8+8+8	PHS308DDB	12395
12-Way	8	4+4+4	12+12+12	PHS312DDB	15645

PHASE SELECTOR DBs

- As per IS 8623
- Available in 4, 6, 8 & 12 way
- Provided with 63A Selector Switches
- Ready to use DBs, complete with colour - coded wire set, 100A insulated bus bars, Neutral bar/s with shroud/s, Earth bar/s, Cable ties, Blanking plates and Circuit identification label
- With provision for FP MCB/Isolator/RCCB/RCBO as incomer and SP MCBs as outgoings



Double Door

PHASE SELECTOR DBs

Description	Modules		Double Door	MRP/Unit in ₹
	Incomer	Outgoing		
4-Way	8	4+4+4	PHC04DDB	13140
6-Way	8	6+6+6	PHC06DDB	13450
8-Way	8	8+8+8	PHC08DDB	14265
12-Way	8	12+12+12	PHC12DDB	16005

VTPN DBs WITH MODULAR INCOMER

- As per IS 8623
- Available in 4, 6, 8 & 12 way
- Ready to use DBs, complete with colour - coded wire set, Insulated vertical phase bus bars, Neutral bar/s with shroud/s, Earth bar/s, Cement Spill Protector, Cable ties, Blanking plates and Circuit identification label
- With provision for FP MCB/Isolator/RCCB/RCBO as incomer and SP/TP MCBs as outgoings



Double Door

VTPN DBs WITH MODULAR INCOMER

Description	Modules		Double Door	MRP/Unit in ₹
	Incomer	Outgoing		
4-Way	8	4+4+4	PHV304DDB	9045
6-Way	8	6+6+6	PHV306DDB	10390
8-Way	8	8+8+8	PHV308DDB	12055
12-Way	8	12+12+12	PHV312DDB	15950

VTPN DBs WITH MCCB INCOMER

- As per IS 8623
- Available in 4, 6, 8 & 12 way
- Ready to use DBs, complete with colour - coded wire set, Insulated vertical phase bus bars, Neutral bar/s with shroud/s, Earth bar/s, Cement Spill Protector, Cable ties, Blanking plates and Circuit identification label
- With provision for MCCB as incomer and SP/TP MCBs as outgoings
- Suitable for 3P/4P MCCB as incomer upto 125A - DY125U



Double Door

VTPN DBs WITH MCCB INCOMER

Description	Modules		Double Door	MRP/Unit in ₹
	Incomer	Outgoing		
4-Way	MCCB	4+4+4	PHV304DYM	10790
6-Way	MCCB	6+6+6	PHV306DYM	12625
8-Way	MCCB	8+8+8	PHV308DYM	13715
12-Way	MCCB	12+12+12	PHV312DYM	17735

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ENCLOSURES

- As per IS 8623
- Available in 2, 3, 4 & 6 way
- With provision to mount MCB/Isolator/RCCB/RCBO or other modular devices



Single Door

ENCLOSURES

Description	Modules	Single Door	MRP/Unit in ₹
2-Way	2	PHE02DB	450
3-Way	3	PHE03DB	500
4-Way	4	PHE04DB	500
6-Way	6	PHE06DB	755

PLUG & SOCKET DBs

- As per IS 8623
- SPN 10A & 20A; TPN - 32A
- With provision to mount MCBs/RCCBs



Single Door

PLUG & SOCKET DBs

Description	No. of Pins	Modules	Single Door	MRP/Unit in ₹
10A, 2 Pin+SC^	P+N	1	PMP110DB	1140
20A, 2 Pin+SC^	P+N	1	PMP120DB	1210
20A, 2 Pin+SC^	P+N	2	PMP220DB	1325
32A, 3 Pin+SC^	3P	3	PMP332DB	3135

SC^ - Scrapping Earth

METAL PLUG & SOCKET

- Designed to ensure safe functioning of electrical equipment and the user safety
- Plugs & Sockets find its applications at air conditioners, welding machines, industrial equipment, etc., are made of non corrosive aluminum alloy
- Conforms to IS 8804



Metal Plug



Metal Socket

METAL PLUG & SOCKET

Description	No. of Pins	Cat No	MRP/Unit in ₹
Metal Plug			
10A, 2 Pin+SC^	P+N	MPS210P	175
20A, 2 Pin+SC^	P+N	MPS220P	185
20A, 3 Pin+SC^	3P	MPS320P	245
32A, 3 Pin+SC^	3P	MPS332P	465
Metal Socket			
10A, 2 Pin+SC^	P+N	MPS210S	180
20A, 2 Pin+SC^	P+N	MPS220S	200
20A, 3 Pin+SC^	3P	MPS320S	275
32A, 3 Pin+SC^	3P	MPS332S	465

SC^ - Scrapping Earth

Note: Standard Pack Quantity for Metal Plug & Socket - 20 Nos.

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HIGHLIGHTS

- Ready to use DBs, complete with colour - coded wire set, 100A bus bar, Neutral bar/s & Earth bar/s
- Superior quality powder coating for better looks and longer life
- DB is suitable for surface or flush mounting



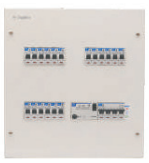
Single Door



Double Door

SINGLE PHASE NEUTRAL (SPN) DBs

Description	Modules		Single Door	MRP/Unit in ₹	Double Door	MRP/Unit in ₹
	Incomer	Outgoing				
4 way	2	2	BH104SDB	890	BH104DDB	1435
6 way	2	4	BH106SDB	980	BH106DDB	1610
8 way	2	6	BH108SDB	1110	BH108DDB	1765
12 way	2	10	BH112SDB	1470	BH112DDB	2155
16 way	2	14	BH116SDB	1835	BH116DDB	2655



Single Door



Double Door

THREE PHASE NEUTRAL (TPN) DBs

Description	Modules		Single Door	MRP/Unit in ₹	Double Door	MRP/Unit in ₹
	Incomer	Outgoing				
4 way	8	4+4+4	BH304SDB	2760	BH304DDB	3610
6 way	8	6+6+6	BH306SDB	3410	BH306DDB	4380
8 way	8	8+8+8	BH308SDB	3945	BH308DDB	5315
12 way	8	12+12+12	BH312SDB	5550	BH312DDB	7585



Double Door

PHASE SELECTOR DBs

Description	Modules		Double Door	MRP/Unit in ₹
	Incomer	Outgoing		
4 way	8	4+4+4	BHC04DDB	11235
6 way	8	6+6+6	BHC06DDB	11970

Provided with 40A selector switches

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