



Maximum Retail Prices
Effective from 01-11-2019



Good quality products and customer service, continuous improvement in processes, systems and capabilities are the hallmark of leaders in business.

The Electrical Standard Products (ESP) business and New Product Development (NPD) function of L&T Electrical & Automation have been awarded the Deming Prize 2019, by JUSE (Union of Japanese Scientists and Engineers), Japan.

The Deming Prize is one of the highest awards on Total Quality Management (TQM) in the globe. It is presented to an organization that has implemented TQM suitable for its management philosophy, scope/type/scale of business and management environment.

The TQM activities of ESP were evaluated for establishment of customer oriented objectives and strategies & top management leadership, suitable utilisation and implementation of TQM, effects obtained regarding business objectives and demonstration of organizational capabilities.

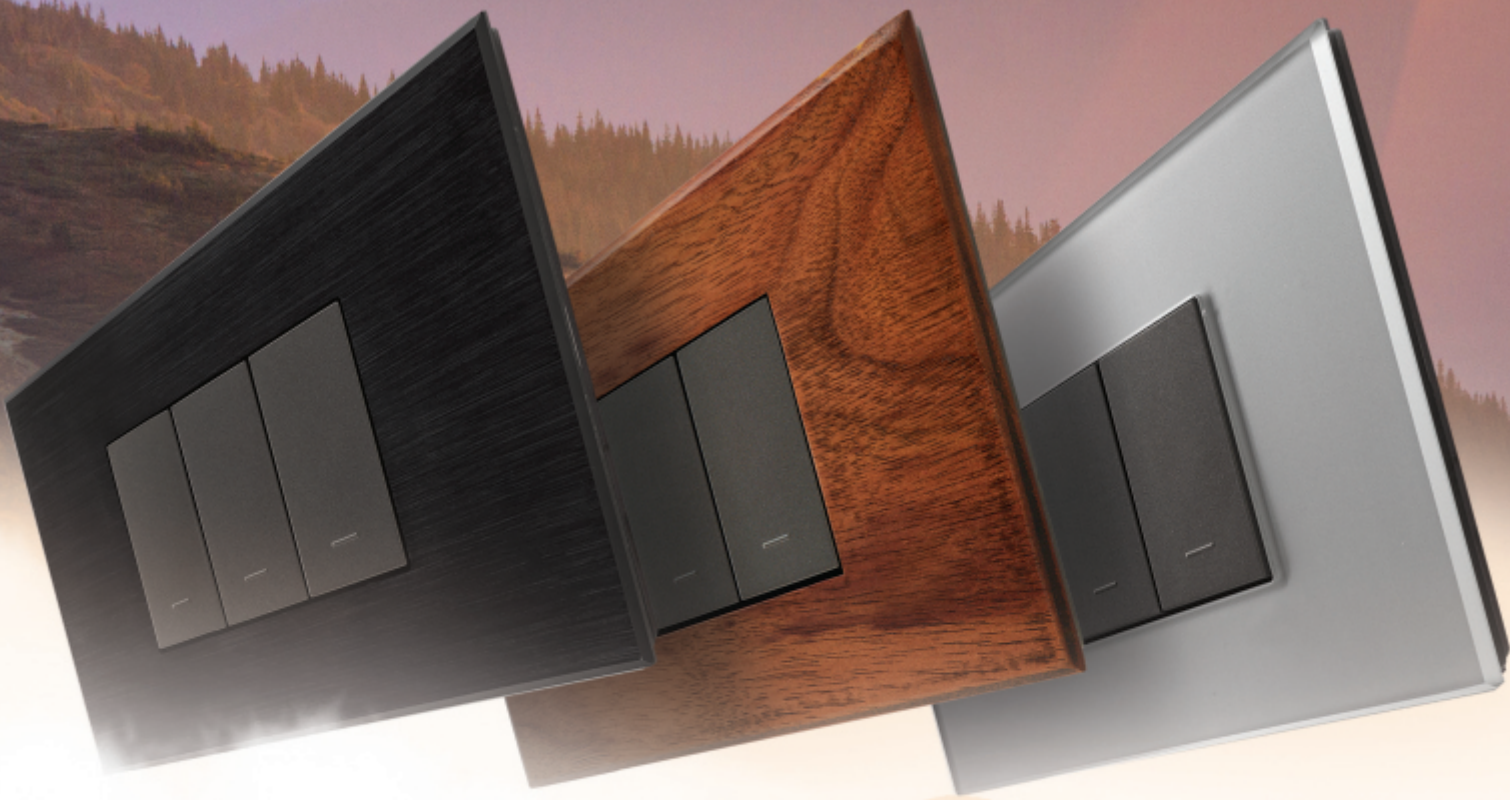
L&T's ESP is the first low voltage switchgear manufacturer in India that has received this recognition.

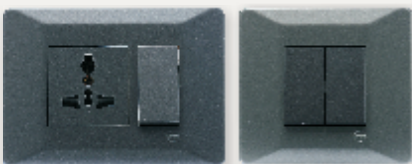


SWITCH UPTO THE EXTRAORDINARY. SWITCH UPTO ENGLAZE.

When you have stepped beyond the ordinary, every step you take elevates you to the next level. Flawlessly and majestically minimal, Englaze would silently stay a testament to your taste, the life you lived and the world you built around you.

MOULDED METAL | REAL WOOD | CRAFTED GLASS





entice is

Innovative

- Vertical mounting feature suitable to use plates as customer choice
- Full rotational fan regulator knob ensures no breakages of knob
- Rib less design: No dust collection between two switches

Durable

- Long life: 3 lakh switching operations ensured
- Long life LED used for Indicator switches
- Strong and reliable snap fitting ensures perfect installation

Flexible

- All plates suitable to standard mounting boxes
- Special provision for furniture mounting

Stylish

- High gloss mirror finish

Convenient

- Easy fitment: Captive terminal screws, tunnel terminals

Safe

- High grade fire retardant materials for more safety
- Safety shutter in all sockets - Safe home, safe life
- Spark shield in switches ensure no visible spark

Smart

- Multimedia smart connectors range - HDMI, USB, VGA and RCA connectors
- Modular USB Charger - charge your mobiles in smarter and convenient way

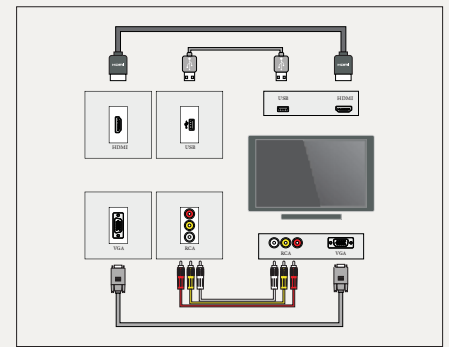
Color options

- Entice offers elegant range of color options to suit your Home décor



Multi Media Connectors

- HDMI, VGA, RCA, and USB connectors for smart way to connect multi media wires
- Complete connector solutions for LED/LCD TV, computers, DVD players, set top box, projectors etc.
- Designed to data transfer at high speed without any distortions in images and video
- Reliable and long life connectors



Wiring connection for TV application



Modular USB Charger

- Modular USB charger offers innovative solution to charge mobile phones, digital camera and other gadgets
- Simple connection and Suitable to android/i Phones
- Power indicator shows device is ready to charge
- Input : 230V AC, Output : 5 V DC & 2000 mA



Horizontal or Vertical Mounting...Choice is Yours...

- Plates can be mounted horizontally or vertically as per site requirements
- This feature is available in 4 module, 6 module and 8 module plates
- Very useful where horizontal space is an issue like pillars, furniture, stairs etc
- All entice products can be mounted in any direction gives flexibility to installations



- Mini MCBs with LED indicator
- Range available in Single & Double pole
- Ratings - 6A, 10A, 16A, 20A, 25A & 32A with C Curve
- Modular design mini MCBs suitable for entice range
- Confirms to IS/IEC 60898 - part 1
- Breaking capacity - 3 kA
- Trip free mechanism
- No Line load biased
- Suitable for use as isolator
- Available in white and charcoal grey colour
- IP20 protection
- RoHS Compliant



entice

YOUR STYLE STATEMENT



Beautifully ribless, cleverly contoured,
gorgeously glossy, & now in shades of chic.



Sleek &
Ribless



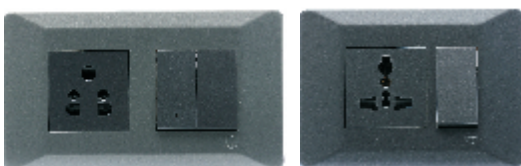
Safe &
Durable



Smart
Connectors



Vertical &
Horizontal Mounting



No celebration in India is complete without its colours. That's why we bring the simplest of joy through entice colour switches. Available in specially crafted charcoal grey colour and additional eco grey color in plates to suit your home décor.

Switches and Bell Push with

 Certification [8536]



CB91101SW06 CB91301SW06 CB91201SW06 CB91402SW20 CB91101BW06 CB91301BW10
 CB91101SW10 CB91301SW10 CB91201SW10 CB91402SW32 CB91101BW10
 CB91101SW16 CB91301SW16 CB91201SW16

Rating	Module	Description	Cat. Nos.	MRP (₹) Per Unit	Std Pkg
6AX	1	Switch 1-way 6AX *	CB91101SW06	101	20
6AX	1	Switch 1-way 6AX with LED indicator *	CB91301SW06	175	20
6AX	1	Switch 2-way 6AX *	CB91201SW06	166	20
10AX	1	Switch 1-way 10AX	CB91101SW10	101	20
10AX	1	Switch 1-way 10AX with LED indicator	CB91301SW10	175	20
10AX	1	Switch 2-way 10AX	CB91201SW10	166	20
16AX	1	Switch 1-way 16AX	CB91101SW16	195	20
16AX	1	Switch 1-way 16AX with LED indicator	CB91301SW16	234	20
16AX	1	Switch 2-way 16AX	CB91201SW16	234	20
20A	1	Switch 1-way 20A	CB91101SW20	243	20
20A	1	Switch 1-way 20A with LED indicator	CB91301SW20	293	20
20A	1	Switch 2-way 20A	CB91201SW20	293	20
20A	2	Switch 20A DP with LED indicator	CB91402SW20	378	10
32A	2	Switch 32A DP with LED indicator	CB91402SW32	453	10
6AX	1	Bell push 6A *	CB91101BW06	174	20
10AX	1	Bell push 10A	CB91101BW10	174	20
10AX	1	Bell push 10A with LED indicator	CB91301BW10	200	20
10AX	2	Bell push 10A with LED indicator	CB91302BW10	258	10

* Product available till stock lasts.

Motor Starters [8536]




CB91102MW20
 CB91102MW25

Rating	Module	Description	Cat. Nos.	MRP (₹) Per Unit	Std Pkg
20A	2	Motor starter-modular type, Single phase	CB91102MW20	788	10
25A	2	Motor starter-modular type, Single phase	CB91102MW25	804	10

Power Sockets [8536]



CB91101CW06 CB91202CW06 CB91302CW16 CB91302CW25 CB91402CW13

Rating	Module	Description	Cat. Nos.	MRP (₹) Per Unit	Std Pkg
6A	1	Socket 2-pin Euro type 6A	CB91101CW06	147	20
6A	2	Socket 2/3-pin type 6A	CB91202CW06	162	10
6A/16A	2	Socket 6A/16A combined with 	CB91302CW16	296	10
10A/25A	2	Socket 10A/25A combined	CB91302CW25	326	10
13A	2	Socket universal 13A	CB91402CW13	292	10

Dimmers and Fan Regulators

[8536]




[8414]



CB91102DW10 CB91101DW04 CB91101RW01 CB91102RW02

Rating	Module	Description	Cat. Nos.	MRP (₹) Per Unit	Std Pkg
1000W	2	Dimmer 1000W	CB91102DW10	911	5
400W	1	Dimmer 400 W	CB91101DW04	567	10
80W	1	Fan step regulator 4-Step	CB91101RW01	476	10
120W	2	Fan step regulator 5-Step	CB91102RW02	658	5

Note:

- All switches and bell pushes are  marked and confirms to IS 3854:1997
- Sockets marked with  confirms to IS 1293: 2005
- Fan regulator with  confirms to IS 11037: 1984
- Long life LEDs used for all indicator switches.
- AX rating switches are suitable to fluorescent lights also.
- 1 Module size = 22.5 mm

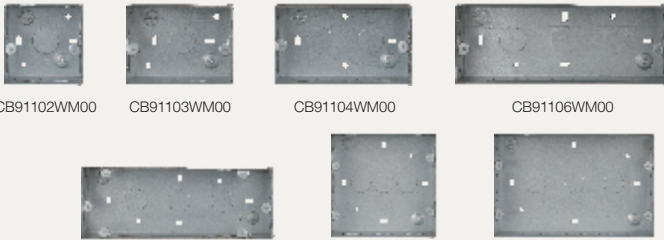
Data Sockets [8536]



CB91101TW11 CB91201TW11 CB91101TW45 CB91101TW00 CB91201TW00 CB91301TW00 CB91401TW00 CB91501TW00
CB91201TW45

Module	Description	Cat. Nos.	MRP (₹) Per Unit	Std Pkg
1	Telephone socket with shutter - RJ 11	CB91101TW11	159	20
1	Telephone socket with shutter - Twin RJ 11	CB91201TW11	217	20
1	Computer socket with shutter - RJ 45, cat 5e	CB91101TW45	509	20
1	Computer socket with shutter - RJ 45, cat 6	CB91201TW45	567	20
1	TV socket with cable grip	CB91101TW00	156	20
1	RCA connector	CB91201TW00	1890	20
1	HDMI connector	CB91301TW00	1546	20
1	USB connector	CB91401TW00	1317	20
1	VGA connector	CB91501TW00	1432	20

Mounting Boxes - GI Metal, Flush Type [8538]



CB91102WM00 CB91103WM00 CB91104WM00 CB91106WM00
CB91108WM00 CB91208WM00 CB91112WM00

Module	Description	Cat. Nos.	MRP (₹) Per Unit	Std Pkg
1/2	GI metal box-1 & 2 module	CB91102WM00	80	60
3	GI metal box-3 module	CB91103WM00	99	45
4	GI metal box-4 module	CB91104WM00	109	30
6	GI metal box-6 module	CB91106WM00	163	20
8	GI metal box-8 module horizontal	CB91108WM00	207	15
8	GI metal box-8 module square	CB91208WM00	207	24
12/16	GI metal box-12/16 module	CB91112WM00	314	16
18	GI metal box-18 module	CB91118WM00	358	10

All GI Metal Boxes Confirms to IS14772 : 2000

Accessories



CB91102AW00 CB91101AW00 CB91201AW00 CB91102LW00 CB91101AW02 CB91401AW00

Module	Description	Cat. Nos.	MRP (₹) Per Unit	Std Pkg
2	Buzzer [8531]	CB91102AW00	372	5
1	Cable outlet with grip [8536]	CB91101AW00	126	20
1	Blank off unit [8538]	CB91201AW00	33	20
2	LED Foot light [9405-@12%]	CB91102LW00	750	5
1	Modular type USB Charger - 2000 mA [8504]	CB91101AW02	1490	10
1	Phase indicator with LED - full glow [8531]	CB91401AW00	195	20

Modular Cover Plates with Grid Frames [8538]



CB91101FW00 CB91102FW00 CB91103FW00 CB91104FW00 CB91106FW00
CB91108FW00 CB91208FW00 CB91308FW00 CB91112FW00
CB91116FW00 CB91118FW00

Module	Description	Cat. Nos.	MRP (₹) Per Unit	Std Pkg
1	1 Module cover plate with grid frame	CB91101FW00	110	15
2	2 Module cover plate with grid frame	CB91102FW00	110	15
3	3 Module cover plate with grid frame	CB91103FW00	143	10
4	4 Module cover plate with grid frame	CB91104FW00	164	10
6	6 Module cover plate with grid frame	CB91106FW00	224	5
8	8 Module cover plate with grid frame horizontal	CB91108FW00	261	5
8	8 Module cover plate with grid frame - square	CB91208FW00	261	5
8	8 Module cover plate with grid frame horizontal (suitable for oris 10M Box)	CB91308FW00	309	5
12	12 Module cover plate with grid frame	CB91112FW00	358	5
16	16 Module cover plate with grid frame (suitable for entice 12M Box also)	CB91116FW00	418	4
18	18 Module cover plate with grid frame	CB91118FW00	442	5

Mini MCBs with Indicator-3 kA, confirms to IS/IEC 60898-part 1



CB91101KW06
CB91101KW10
CB91101KW16
CB91101KW20
CB91101KW25
CB91101KW32



CB91202KW06
CB91202KW10
CB91202KW16
CB91202KW20
CB91202KW25
CB91202KW32

Rating (A)	Module	Description	Cat. Nos.	MRP (₹) Per Unit	Std Pkg
6	1	6A SP Mini MCB 3 kA	CB91101KW06	385	1/10
10	1	10A SP Mini MCB 3 kA	CB91101KW10	385	1/10
16	1	16A SP Mini MCB 3 kA	CB91101KW16	385	1/10
20	1	20A SP Mini MCB 3 kA	CB91101KW20	385	1/10
25	1	25A SP Mini MCB 3 kA	CB91101KW25	385	1/10
32	1	32A SP Mini MCB 3 kA	CB91101KW32	385	1/10
6	2	6A DP Mini MCB 3 kA	CB91202KW06	765	1/5
10	2	10A DP Mini MCB 3 kA	CB91202KW10	765	1/5
16	2	16A DP Mini MCB 3 kA	CB91202KW16	765	1/5
20	2	20A DP Mini MCB 3 kA	CB91202KW20	765	1/5
25	2	25A DP Mini MCB 3 kA	CB91202KW25	765	1/5
32	2	32A DP Mini MCB 3 kA	CB91202KW32	765	1/5

Hotel & Hospital range



CB91202HW20
CB91302HW32



CB91502HW10



CB91602HW10



CB91702HW00



CB91402AW00

Module	Description	Cat. Nos.	MRP (₹) Per Unit	Std Pkg
2	Mech key tag switch 20A 2M	CB91202HW20	595	5
2	Mech key tag switch 32A 2M	CB91302HW32	675	5
2	DND-MMR inside room unit 2M	CB91502HW10	465	10
2	DND-MMR outside room unit 2M	CB91602HW10	495	10
2	Volume controller 2M	CB91702HW00	825	10
2	Electronic ding-dong bell 2M	CB91402AW00	690	10
1	Bell indicator with Reset 1M	CB91801HW00	850	10

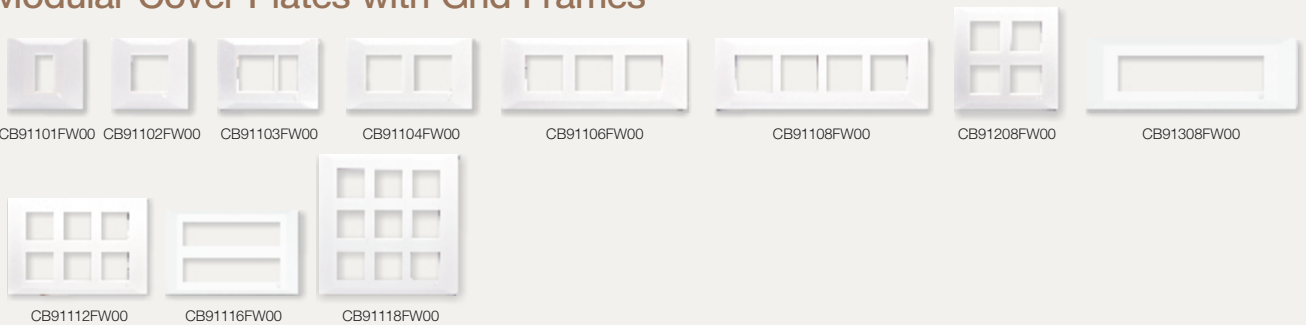
Mounting Boxes - GI Metal, Flush Type



CB91102WM00 CB91103WM00 CB91104WM00 CB91106WM00 CB91108WM00 CB91208WM00 CB91112WM00

Module	1/2 M	3 M	4 M	6 M	8 M-H	8 M-Sq.	12/16 M	18 M
Sizes in mm (L x H x D)	77.4 x 75.5 x 53	102.5 x 75.5 x 53	136 x 75.5 x 53	209.5 x 75.9 x 53	226.7 x 82.3 x 53	136 x 132 x 61	209.5 x 132 x 61	212 x 209.5 x 61

Modular Cover Plates with Grid Frames



CB91101FW00 CB91102FW00 CB91103FW00 CB91104FW00 CB91106FW00 CB91108FW00 CB91208FW00 CB91308FW00



CB91112FW00 CB91116FW00 CB91118FW00

Module	1 M	2 M	3 M	4 M	6 M	8 M-H	8 M-Small	8 M-Sq.	12M	16 M	18 M
Sizes in mm (L x H)	97 x 90	97 x 90	125 x 90	157 x 90	228x 90	262x 90	262x 90	157 x 157	228 x 157	248 x 156	228 x 226

Recess Metal Wall Box (GI)



OW21M00 OW41M00 OW61M00 OW81M00 OW10M00

Module	1/2 M	3/4 M	6 M	8 M	10 M	12 M	16 M	24 M
Sizes in mm (L x H x D)	77.8 x 77 x 51	106 x 77 x 51	138.4 x 77 x 51	211.3 x 77 x 51	228.1 x 77 x 51	137.6 x 137.3 x 51	211.3 x 138 x 51	214.2 x 212 x 51

Face & Grid Plates



OF11W00 OF21W00 OF31W00 OF32W00 OF41W00 OF81W00 OF10W02 OF10W03 OF10W04

OF12W00 OF16W00 OF24W00

Module	1 M	2 M	3 M	3 M-mini*	4 M	6 M	8 M	10M-433	10M-5+5	10M-big size	12 M	16 M	24 M
Sizes in mm (L x H)	85 x 90	85 x 90	115 x 90	96 x 90	115 x 90	151 x 90	217 x 90	238 x 90	238 x 90	260 x 90	151 x 155	222 x 155	222 x 220

* Suitable for 1/2 M Box.

Surface Box (Plastic)

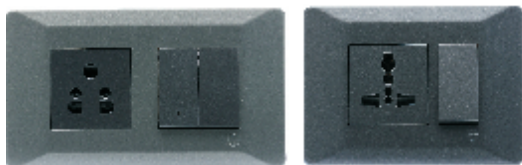
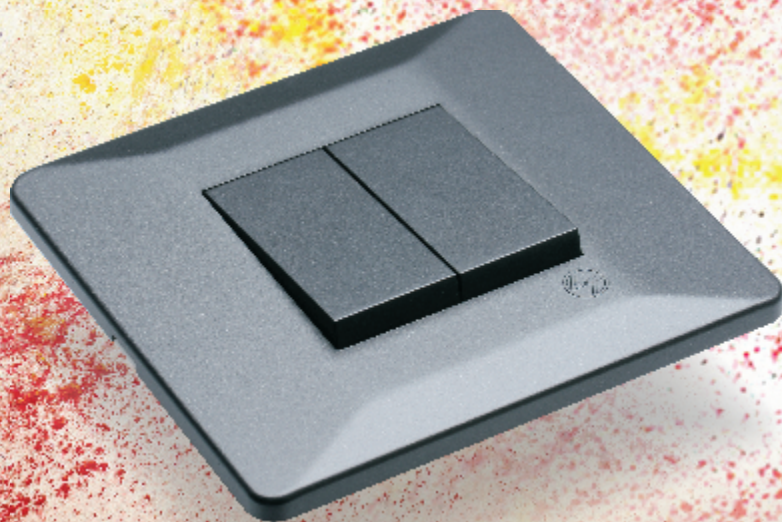


OW21W00 OW61W00 OW10W00 OW12W00

Module	1/2 M	3/4 M	6 M	8 M	10 M	12 M	16 M
Sizes in mm (L x H x D)	89 x 84 x 52.5	114 x 89 x 52.5	150 x 89 x 52.5	216 x 89 x 52.5	237x 89 x 52.5	150 x 144.7 x 52.5	216 x 144.7 x 52.5

entice

Presenting colours in entice range



No celebration in India is complete without its colours. That's why we bring the simplest of joy through entice colour switches. Available in specially crafted charcoal grey colour and additional eco grey color in plates to suit your home décor.

Switches and Bell Push with [IS] Certification-Charcoal Grey [8536]



CB91101SG10 CB91301SG10 CB91201SG10 CB91402SG20 CB91101BG06 CB91301BG10
CB91101SG16 CB91301SG16 CB91201SG16 CB91402SG32 CB91101BG10

Rating	Module	Description	Cat. Nos.	MRP (₹) Per Unit	Std Pkg
10AX	1	Switch 1-way 10AX	CB91101SG10	124	20
10AX	1	Switch 1-way 10AX with LED indicator	CB91301SG10	234	20
10AX	1	Switch 2-way 10AX	CB91201SG10	222	20
16AX	1	Switch 1-way 16AX	CB91101SG16	260	20
16AX	1	Switch 1-way 16AX with LED indicator	CB91301SG16	315	20
16AX	1	Switch 2-way 16AX	CB91201SG16	315	20
20A	2	Switch 20A DP with LED indicator	CB91402SG20	505	10
32A	2	Switch 32A DP with LED indicator	CB91402SG32	605	10
6AX	1	Bell push 6A *	CB91101BG06	233	20
10AX	1	Bell push 10A	CB91101BG10	233	20
10AX	1	Bell push 10A with LED indicator	CB91301BG10	268	20
10AX	2	Bell push 10A with LED indicator	CB91302BG10	345	10

* Product available till stock lasts.

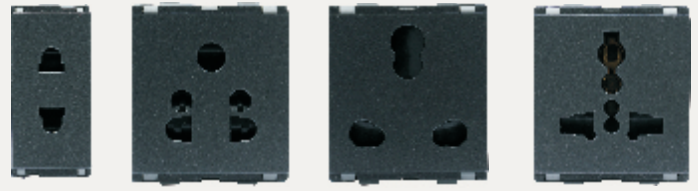
Motor Starters-Charcoal Grey [8536]



CB91102MG20
CB91102MG25

Rating	Module	Description	Cat. Nos.	MRP (₹) Per Unit	Std Pkg
20A	2	Motor starter-modular type, Single phase	CB91102MG20	1053	10
25A	2	Motor starter-modular type, Single phase	CB91102MG25	1075	10

Power Sockets-Charcoal Grey [8536]



CB91101CG06 CB91202CG06 CB91302CG16 CB91302CG25 CB91402CG13

Rating	Module	Description	Cat. Nos.	MRP (₹) Per Unit	Std Pkg
6A	1	Socket 2-pin Euro type 6A	CB91101CG06	196	20
6A	2	Socket 2/3-pin type 6A	CB91202CG06	226	10
6A/16A	2	Socket 6A/16A combined with [IS]	CB91302CG16	397	10
10A/25A	2	Socket 10A/25A combined	CB91302CG25	437	10
13A	2	Socket universal 13A	CB91402CG13	391	10

Dimmers and Fan Regulators -Charcoal Grey [8536] [8414]

Rating	Module	Description	Cat. Nos.	MRP (₹) Per Unit	Std Pkg
1000W	2	Dimmer 1000W	CB91102DG10	1217	5
400W	1	Dimmer 400 W	CB91101DG04	758	10
80W	1	Fan step regulator 4-Step	CB91101RG01	682	10
120W	2	Fan step regulator 5-Step	CB91102RG02	942	5

Note:

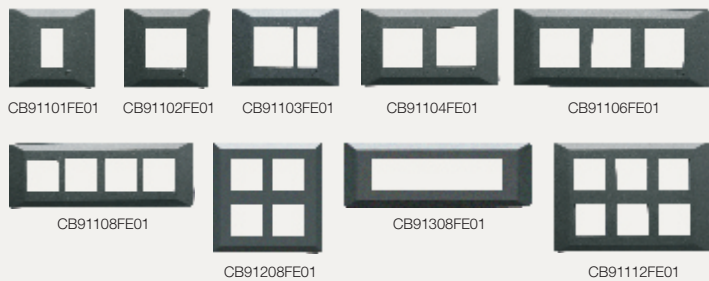
- All switches and bell pushes are [IS] marked and confirms to IS 3854:1997
- Sockets marked with [IS] confirms to IS 1293: 2005
- Fan regulator with [IS] confirms to IS 11037: 1984
- Long life LEDs used for all indicator switches.
- AX rating switches are suitable to fluorescent lights also.
- 1 Module size = 22.5 mm

Data Sockets-Charcoal Grey [8536]



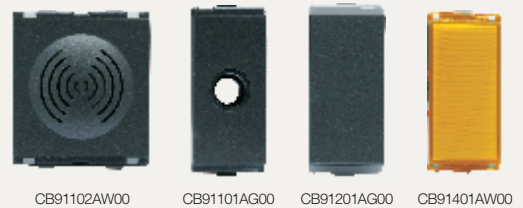
Module	Description	Cat. Nos.	MRP (₹) Per Unit	Std Pkg
1	Telephone socket with shutter - RJ 11	CB91101TG11	230	15
1	Telephone socket with shutter - Twin RJ 11	CB91201TG11	314	15
1	Computer socket with shutter - RJ 45, cat 5e	CB91101TG45	734	15
1	Computer socket with shutter - RJ 45, cat 6	CB91201TG45	816	15
1	TV socket with cable grip	CB91101TG00	223	15
1	RCA connector	CB91201TG00	2719	15
1	HDMI connector	CB91301TG00	2224	15
1	USB connector	CB91401TG00	1895	15
1	VGA connector	CB91501TG00	2060	15

Cover & Grid Frame-Eco Grey [8538]



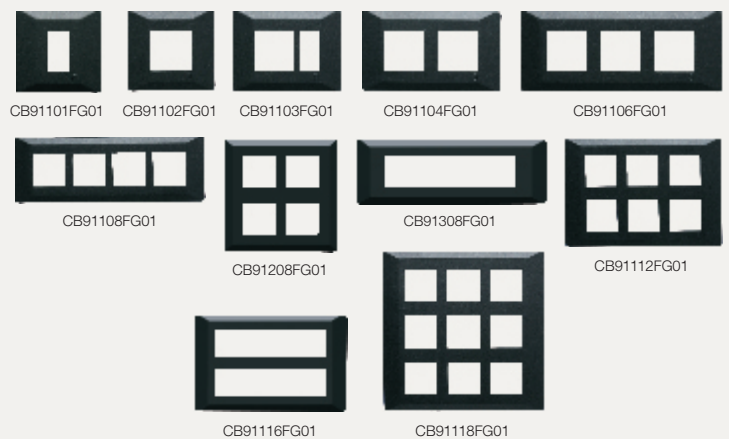
Module	Description	Cat. Nos.	MRP (₹) Per Unit	Std Pkg
1	1 Module cover plate with grid frame	CB91101FE01	183	15
2	2 Module cover plate with grid frame	CB91102FE01	183	15
3	3 Module cover plate with grid frame	CB91103FE01	237	10
4	4 Module cover plate with grid frame	CB91104FE01	271	10
6	6 Module cover plate with grid frame	CB91106FE01	371	5
8	8 Module cover plate with grid frame horizontal	CB91108FE01	431	5
8	8 Module cover plate with grid frame - square	CB91208FE01	431	5
8	8 Module cover plate with grid frame horizontal (suitable for oris 10M Box)	CB91308FE01	510	5
12	12 Module cover plate with grid frame	CB91112FE01	591	5
16	16 Module cover plate with grid frame (suitable for entice 12M Box also)	CB91116FE01	691	4
18	18 Module cover plate with grid frame	CB91118FE01	730	5

Accessories-Charcoal Grey



Module	Description	Cat. Nos.	MRP (₹) Per Unit	Std Pkg
2	Buzzer [8531]	CB91102AG00	536	5
1	Cable outlet with grip [8536]	CB91101AG00	182	15
1	Blank off unit [8538]	CB91201AG00	48	20
2	LED Foot light [9405-@12%]	CB91102LG00	1079	5
1	Modular type USB Charger - 2000 mA [8504]	CB91101AG02	2226	10
1	Phase Indicator 1M-Full glow [8504]	CB91401AW00	195	20

Modular Cover Plates with Grid Frames-Charcoal Grey [8538]



Module	Description	Cat. Nos.	MRP (₹) Per Unit	Std Pkg
1	1 Module cover plate with grid frame	CB91101FG01	183	15
2	2 Module cover plate with grid frame	CB91102FG01	183	15
3	3 Module cover plate with grid frame	CB91103FG01	237	10
4	4 Module cover plate with grid frame	CB91104FG01	271	10
6	6 Module cover plate with grid frame	CB91106FG01	371	5
8	8 Module cover plate with grid frame horizontal	CB91108FG01	431	5
8	8 Module cover plate with grid frame - square	CB91208FG01	431	5
8	8 Module cover plate with grid frame horizontal (suitable for oris 10M Box)	CB91308FG01	510	5
12	12 Module cover plate with grid frame	CB91112FG01	591	5
16	16 Module cover plate with grid frame (suitable for entice 12M Box also)	CB91116FG01	691	4
18	18 Module cover plate with grid frame	CB91118FG01	730	5

Mini MCBs with Indicator - 3 kA , confirms to IS/IEC 60898 – part 1 – Charcoal grey



CB91101KG06
CB91101KG10
CB91101KG16
CB91101KG20
CB91101KG25
CB91101KG32

CB91202KG06
CB91202KG10
CB91202KG16
CB91202KG20
CB91202KG25
CB91202KG32

Rating (A)	Module	Description	Cat. Nos.	MRP (₹) Per Unit	Std Pkg
6A	1	6A SP Mini MCB 3 kA-Charcoal Grey	CB91101KG06	465	1/10
10A	1	10A SP Mini MCB 3 kA-Charcoal Grey	CB91101KG10	465	1/10
16A	1	16A SP Mini MCB 3 kA-Charcoal Grey	CB91101KG16	465	1/10
20A	1	20A SP Mini MCB 3 kA-Charcoal Grey	CB91101KG20	465	1/10
25A	1	25A SP Mini MCB 3 kA-Charcoal Grey	CB91101KG25	465	1/10
32A	1	32A SP Mini MCB 3 kA-Charcoal Grey	CB91101KG32	465	1/10
6A	2	6A DP Mini MCB 3 kA-Charcoal Grey	CB91202KG06	920	1/5
10A	2	10A DP Mini MCB 3 kA-Charcoal Grey	CB91202KG10	920	1/5
16A	2	16A DP Mini MCB 3 kA-Charcoal Grey	CB91202KG16	920	1/5
20A	2	20A DP Mini MCB 3 kA-Charcoal Grey	CB91202KG20	920	1/5
25A	2	25A DP Mini MCB 3 kA-Charcoal Grey	CB91202KG25	920	1/5
32A	2	32A DP Mini MCB 3 kA-Charcoal Grey	CB91202KG32	920	1/5

Hotel & Hospital range



CB91202HG20
CB91302HG32

CB91502HG10

CB91602HW10

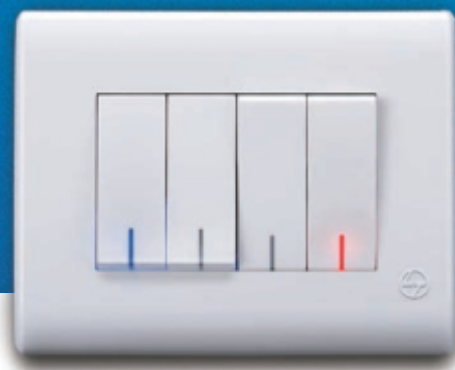
CB91702HG00

CB91402AG00


CB91801HG00

Module	Description	Cat. Nos.	MRP (₹) Per Unit	Std Pkg
2	Mech key tag switch 20A 2M- Charcoal Grey	CB91202HG20	750	5
2	Mech key tag switch 32A 2M- Charcoal Grey	CB91302HG32	850	5
2	DND-MMR inside room unit 2M- Charcoal Grey	CB91502HG10	650	10
2	DND-MMR outside room unit 2M	CB91602HW10	495	10
2	Volume controller 2M- Charcoal Grey	CB91702HG00	995	10
2	Electronic ding-dong bell 2M- Charcoal Grey	CB91402AG00	875	10
1	Bell indicator with Reset 1M	CB91801HG00	1075	10

Music For Your Walls



ORIS switches from L&T are a piece of signature design. Its glossy finish and rib less design that leaves only a hairline gap between the switches, makes cleaning easy. Its fire retardant and impact resistant polycarbonate material enhances durability, fire resistance & color stability.

Safety and quality is assured with safety shutters in all power and data sockets, finger touch proof IP20 terminals,  marking on all switches, Bell pushes and most of the sockets.

The signature Design



- Ribless design - leaves only a hairline gap between switches
- Glossy finish surface enhance brightness in your life



- Stylish rounded contours - minimizes dust collection on surface, easy to clean



- Smart and long life LED used for indicator & locator switches
- Red LED used for power indication and Blue LED for locating switches in the dark

Space and Money Saver



- Saves space by accommodating more modules in standard wall box of other makes
- Uses smaller wall boxes for the same number of switches hence saves money

Safety and Quality



- Safety shutters in all power and data sockets
- Finger touch proof IP20 terminals
-  marking on all switches, bell push, plug top & most of the sockets

Longer Life



- Switches Tested for 1.5 lakhs switching operations at full load
- FR grade polycarbonate material for high durability and fire retardant

Plain Switches [8536]

Switches without line



OS15W06
OS15W10
OS15W16
OS15W20



OS16W06
OS16W10
OS16W16
OS16W20



Rating	Module	Description	Cat. Nos.	MRP (₹) Per Unit	Std Pkg
6AX	1	1 - Way switch plain *	OS15W06	120	20
6AX	1	2 - Way switch plain *	OS16W06	174	20
10AX	1	1 - Way switch plain	OS15W10	120	20
10AX	1	2 - Way switch plain	OS16W10	174	20
16AX	1	1 - Way switch plain	OS15W16	201	20
16AX	1	2 - Way switch plain	OS16W16	241	20
20A	1	1 - Way switch plain	OS15W20	209	20
20A	1	2 - Way switch plain	OS16W20	255	20

Salient Features:

- Switches without line
- 1.5 lacs switching operations
- Silver coated Brass terminals
- IP20 - Finger proof terminals
- Captive screws
- Spark shield

Switches [8536]



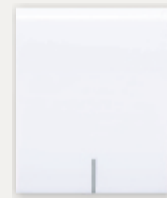
OS11W06
OS11W10
OS11W16
OS11W20



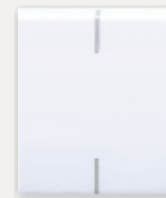
OS12W06
OS12W10
OS12W16
OS12W20



OS13W06
OS13W10
OS13W16
OS13W20



OS21W10
OS21W16
OS21W20



OS22W10
OS22W16
OS22W20



OS23W10
OS23W16
OS23W20
OS24W20
OS24W32

Rating	Module	Description	Cat. Nos.	MRP (₹) Per Unit	Std Pkg
6AX	1	1 - Way switch *	OS11W06	125	20
6AX	1	2 - Way switch *	OS12W06	181	20
6AX	1	1 - Way switch with LED *	OS13W06	181	20
10AX	1	1 - Way switch	OS11W10	125	20
10AX	1	2 - Way switch	OS12W10	181	20
10AX	1	1 - Way switch with LED	OS13W10	181	20
16AX	1	1 - Way switch	OS11W16	210	20
16AX	1	2 - Way switch	OS12W16	250	20
16AX	1	1 - Way switch with LED	OS13W16	235	20
20A	1	1 - Way switch	OS11W20	216	20
20A	1	2 - Way switch	OS12W20	263	20
20A	1	1 - Way switch with LED	OS13W20	247	20

Mega Switches [8536]

Rating	Module	Description	Cat. Nos.	MRP (₹) Per Unit	Std Pkg
10AX	2	1 - Way switch *	OS21W10	175	10
10AX	2	2 - Way switch *	OS22W10	211	10
10AX	2	1 - Way switch with LED *	OS23W10	194	10
16AX	2	1 - Way switch *	OS21W16	228	10
16AX	2	2 - Way switch *	OS22W16	269	10
16AX	2	1 - Way switch with LED *	OS23W16	258	10
20A	2	1 - Way switch *	OS21W20	246	10
20A	2	2 - Way switch *	OS22W20	275	10
20A	2	1 - Way switch with LED *	OS23W20	263	10
20A	2	DP 1 Way switch with LED	OS24W20	406	10
32A	2	DP 1 Way switch with LED	OS24W32	486	10

* Available till stock lasts.

Note:

- All switches and bell pushes are marked and conforms to IS 3854:1997
- Long Life LED used in all Indicator & Locator Switches
- 1 Module size = 17.5 mm
- AX rated switches are suitable for fluorescent lights

Power Sockets [8536]



Data Sockets [8536]



Rating	Module	Description	Cat. Nos.	MRP (₹) Per Unit	Std Pkg
6A	1	2-Pin euro socket, Shuttered	OC11W06	158	20
6A	3	Uni socket, Shuttered *	OC31W06	182	10
6A	3	2-Pin / 3-pin socket, Shuttered *	OC32W06	185	10
16A	3	3-Pin power socket, Shuttered *	OC31W16	299	10
6/16A	3	Twin 3-pin power socket, Shuttered *	OC32W66	301	10
6/10/13A	3	Universal pin socket, Shuttered	OC32W13	285	10
25A	3	3-pin power socket, Shuttered	OC31W25	317	10

Module	Description	Cat. Nos.	MRP (₹) Per Unit	Std Pkg
1	RJ 11 Shuttered	OT11W11	170	20
1	Twin RJ 11 Shuttered	OT12W11	211	20
1	RJ 45, cat 6, Shuttered	OT11W45	541	20
1	TV socket	OT11W00	153	20

* Available till stock lasts.

Bell Push & Night Locator Switch [8536]

Motor Starters [8536]



Rating	Module	Description	Cat. Nos.	MRP (₹) Per Unit	Std Pkg
6AX	1	Bell push	OB11W06	181	20
6AX	1	Bell push with LED	OB13W06	202	20
10AX	2	Bell push with LED	OB23W10	247	10
6AX	1	1 - Way switch with blue LED	OS14W06	197	20
10AX	1	1 - Way switch with blue LED	OS14W10	197	20
6AX	1	Bell push plain	OB15W06	174	20

Rating	Module	Description	Cat. Nos.	MRP (₹) Per Unit	Std Pkg
20A	3	Modular AC/motor starter, Single phase	OS31W20	911	8
25A	3	Modular AC/motor starter, Single phase	OS31W25	929	8
20A		Non-modular AC/motor starter, Single phase *	OS32W20	911	8
25A		Non-modular AC/motor starter, Single phase *	OS32W25	929	8
25A	6	Safety AC power unit **	OS61W25	1538	1

Note:

- All power and data sockets are with safety shutters
- All marked sockets conforms to IS 1293:2005
- Long Life LED used in all Indicator & Locator Switches
- Motor Starter conforms to IEC -947-4-1 & IS:13947-4-Sec.1

* Supplied pre-wired with cover and grid plates

* Available till stock lasts.

Face & Grid Plates [8538]



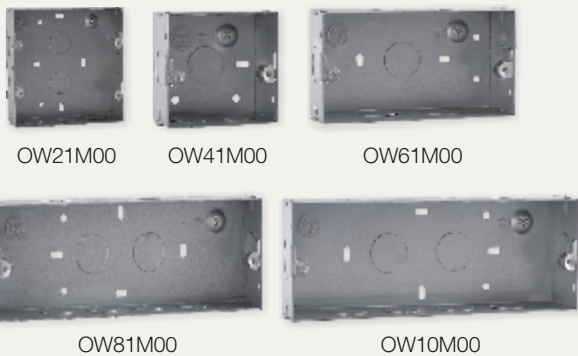
Module	Description	Cat. Nos.	MRP (₹) Per Unit	Std Pkg
1	1 Module grid frame + Cover	OF11W00	120	15
2	2 Module grid frame + Cover	OF21W00	120	15
3	3 Module universal GF + Cover	OF31W00	148	10
3	3 Module mini GF + Cover	OF32W00	135	10
4	4 Module grid frame + Cover	OF41W00	153	10
6	6 Module grid frame + Cover	OF61W00	202	10

Module	Description	Cat. Nos.	MRP (₹) Per Unit	Std Pkg
8	8 Module grid frame + Cover	OF81W00	241	10
10	10 Module grid frame + Cover *	OF10W02	285	5
10	10 Module, 433 grid frame + Cover	OF10W03	285	5
10	10 Module, 433 grid frame + Cover (Suitable for entice 8M Box)	OF10W04	291	5
12	12 Module grid frame + Cover	OF12W00	341	5
16	16 Module grid frame + Cover	OF16W00	375	5
24	24 Module grid frame + Cover	OF24W00	493	5

* Available till stock lasts.

Recess Metal Wall Box (GI) [8538]

Surface Box (Plastic) [8538]



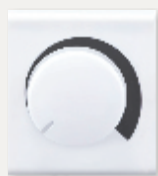
Module	Description	Cat. Nos.	MRP (₹) Per Unit	Std Pkg
1 & 2	Metal box 1 & 2 module	OW21M00	90	24
3 & 4	Metal box 3 & 4 module	OW41M00	111	16
6	Metal box 6 module	OW61M00	133	16
8	Metal box 8 module linear	OW81M00	190	16
10	Metal box 10 module linear	OW10M00	239	16
12	Metal box 12 module	OW12M00	298	12
16	Metal box 16 module	OW16M00	316	10
24	Metal box 24 module	OW24M00	438	6

Module	Description	Cat. Nos.	MRP (₹) Per Unit	Std Pkg
1 & 2	1/2 Module surface box	OW21W00	112	20
3 & 4	3/4 Module surface box	OW41W00	132	12
6	6 Module surface box	OW61W00	157	10
8	8 Module surface box	OW81W00	164	14
10	10 Module surface box	OW10W00	198	10
12	12 Module surface box	OW12W00	216	10
16	16 Module surface box	OW16W00	316	8

All GI Metal Boxes Confirms to IS14772 : 2000

Note: Above boxes also suitable for entice range of plates.

Dimmer [8536] & Fan Regulator [8414]



OD21W04



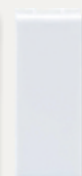
OR22W01



OA11W00



OA21W00



OA10W00



OL61W06

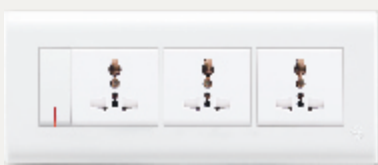
Rating	Module	Description	Cat. Nos.	MRP (₹) Per Unit	Std Pkg
400W	2	Lamp dimmer	OD21W04	614	5
650W	3	Lamp dimmer *	OD31W06	732	5
1000W	3	Lamp dimmer *	OD31W10	999	5
120W	2	5 Step fan regulator, 360° rotation	OR22W01	712	5

* Available till stock lasts.

Module	Description	Cat. Nos.	MRP (₹) Per Unit	Std Pkg
1	LED indicator light [8531]	OA11W00	147	20
2	Buzzer [8531]	OA21W00	338	5
1	Blank off unit [8538]	OA10W00	30	20
6	LED foot light [9405-@12%]	OL61W06	752	5
1	1 Module jacket * [8536]	OA12W00	11	50
2	2 Module jacket * [8536]	OA22W00	12	50
1	Cable outlet [8536]	OA13W00	128	20

* Available till stock lasts.

Work Station Solution - Safety Power Strip [8536]



OS13W13

Rating	Module	Description	Cat. Nos.	MRP (₹) Per Unit	Std Pkg
13A	10	Safety power strip with 1 switch 3 sockets★	OS13W13	1678	5

* Available till stock lasts.

Salient Features:

- 13A universal sockets
- Inbuilt overload & spike protection
- Pre-wired assembly
- Max spike current - 6500A

★ Supplied with face and grid plate.

HOSPITALITY RANGE [8536]



OH11W00



OH21W00



OH41W20



OH42W20
OH42W32



OH61W00



OH31W00

Module	Description	Cat. Nos.	MRP (₹) Per Unit	Std Pkg
1	DND + MMR indicator with LED	OH11W00	395	20
2	DND + MMR selector switch	OH21W00	561	5
4	Electronic key tag with built-in relay 20A	OH41W20	4039	8
3	Volume controller [8414]	OH31W00	569	10

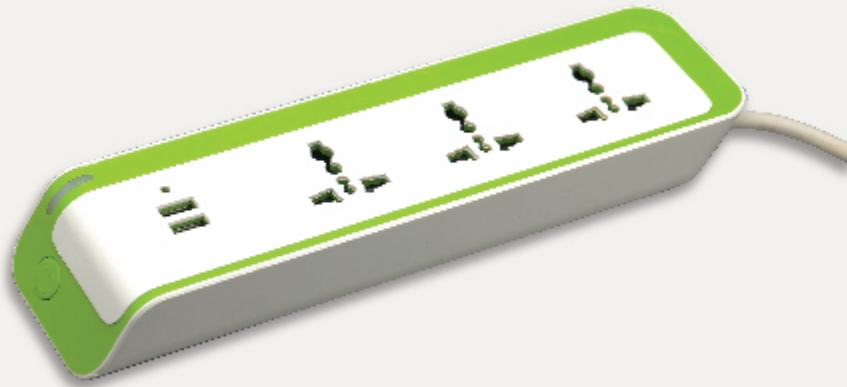
Note:

- Power consumption by foot light is only 1 watt

Module	Description	Cat. Nos.	MRP (₹) Per Unit	Std Pkg
4	Mechanical key tag 20A**	OH42W20	567	4
4	Mechanical key tag 32A**	OH42W32	720	4
-	Key holder of mechanical key tag	OH40W00	102	20
6	Shaver socket** [8504]	OH61W00	3617	1

** Supplied with face and grid plate.

Spike Guard with Twin USB Chargers [8537]



Rating	Description	Cat. Nos.	MRP (₹) Per Unit	Std Pkg
6A	Spike guard with twin USB chargers	OA05W06	1369	1

Salient Features:

- USB rating - 2000mA suitable for charging Mobile phones, MP3 Players, iPod, Tablets, iPad etc.
- Resettable fuse or overload protection - No more fuse replacement required, just reset and start working
- 3 core cable with marking
- 3 Universal sockets with safety shutters
- Warranty - 2 years

ORIS® Raaga - Electronic Door Bells [8531]



Digital Ding-Dong
7 Ding Dong tunes



Mantras
10 Mantra tunes



English Melody
25 English tunes

Description	Cat. Nos.	MRP (₹) Per Unit	Std Pkg
Digital ding-dong	OB31W00	338	1
Mantras	OB32W00	372	1
English melody	OB33W00	395	1

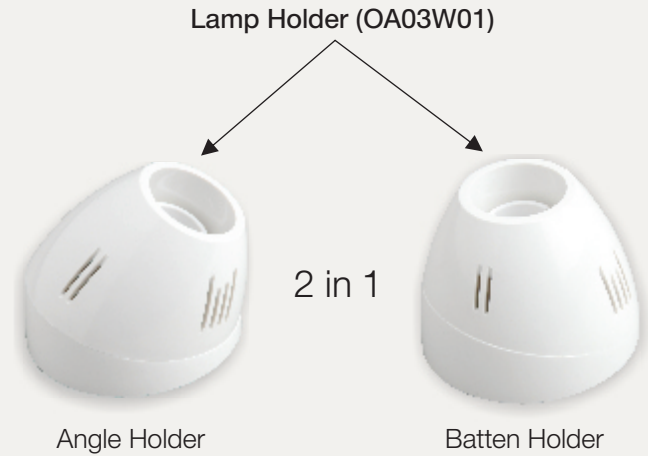
Salient Features:

- Battery operated, works even during power failure conditions
- COB based technology for Durable performance
- Tune selector switch to play the tune of your choice
- High quality speaker and strong engineered plastic housing
- Warranty - 2 year

Ceiling Rose & Lamp Holder [8536]



Description	Cat. Nos.	MRP (₹) Per Unit	Std Pkg
Jumbo ceiling rose	OA20W00	50	40
Lamp holder	OA03W01	82	24
Lamp holder- Angular	OA03W02	48	30
Lamp holder- Batten	OA03W03	46	40



Salient Features:

- One cat. no. for two products - Batten Holder and Angle Holder
- Think less, stock more - easy for dealer and electrician
- Fire Retardant material - tested for double the rating of current

Spike Guard [8537]



Rating	Description	Cat. Nos.	MRP (₹) Per Unit	Std Pkg
10A	Spike guard	OA04W13	800	1
10A	Spike Guard With Twin Usb Charger	OA05W06	1369	1

Salient Features:

- Resettable fuse for overload protection - No more fuse replacement required, just reset and start working
- Safety shutters on sockets
- Extra long cable length of 2 meter made of moulded 3 core 0.75 mm wire with marking
- Warranty - 2 years

Plug Tops [8536]



Rating	Description	Cat. Nos.	MRP (₹) Per Unit	Std Pkg
6A	Plug top - 2 pin	OP02W06	43	20
6A	Plug top - 3 pin	OP01W06	73	40
6A	Plug top with indicator - 3 pin	OP03W06	89	40
16A	Plug top - 3 pin	OP01W16	112	20
16A	Plug top with indicator - 3 pin	OP03W16	125	20
25A	Plug top - 3 pin	OP01W25	118	20

Salient Features:

- FR grade polycarbonate material for durability & safety (Tested)
- Firm grip design - No slip while removal
- Solid brass terminals for better conductivity & long life
- LED status indicator (optional)

Note:

- All marked Plug Tops conforms to IS 1293:2005

Switch aisa ki
sab kahe
**waah
waah**



Captive screws for fast and easy installations
Wider plates to cover extra cutting of tiles
Individual safety shutters for child safety
2 AMP USB charger for fast charging
Durable switches with more than 1 lakh clicks



MOULDED CASE CIRCUIT BREAKERS

Moulded Case Circuit Breakers - DY125U & DY250U1, 3P/4P, 10kA MCCB [8536]

Features:

- Range: 16A to 250A
- 3/4 Pole, 415 V AC
- $I_{cs} = 100\%$ of $I_{cu} = 10$ kA
- Thermal Magnetic Release
- ON-TRIP-OFF indication
- High Electrical & Mechanical Life
- Suitable for Isolation
- No Load-Line Bias



DY125U/DY250U1: 16A to 250A

DY125U MCCB

3 Pole

Description	Cat. no.	MRP ₹
DY125U 10/10kA 16A 3P	EM909830OBO	1710
DY125U 10/10kA 20A 3P	EM909830OCO	1710
DY125U 10/10kA 25A 3P	EM909830ODO	1710
DY125U 10/10kA 32A 3P	EM909830OEO	1710
DY125U 10/10kA 40A 3P	EM909830OFO	1710
DY125U 10/10kA 50A 3P	EM909830OGO	1710
DY125U 10/10kA 63A 3P	EM909830OHO	1710
DY125U 10/10kA 80A 3P with Spreader ▲	EM909830OJO	1880
DY125U 10/10kA 100A 3P with Spreader ▲	EM909830OKO	1880
DY125U 10/10kA 125A 3P with Spreader ▲	EM909830OLO	2730

▲ Both side Spreader Terminals are provided with MCCB

4 Pole

Description	Cat. no.	MRP ₹
DY125U 10/10kA 16A 4P	EM909840OBO	2260
DY125U 10/10kA 20A 4P	EM909840OCO	2260
DY125U 10/10kA 25A 4P	EM909840ODO	2260
DY125U 10/10kA 32A 4P	EM909840OEO	2260
DY125U 10/10kA 40A 4P	EM909840OFO	2260
DY125U 10/10kA 50A 4P	EM909840OGO	2260
DY125U 10/10kA 63A 4P	EM909840OHO	2260
DY125U 10/10kA 80A 4P with Spreader ▲	EM909840OJO	2590
DY125U 10/10kA 100A 4P with Spreader ▲	EM909840OKO	2590
DY125U 10/10kA 125A 4P with Spreader ▲	EM909840OLO	3590

DY250U1 MCCB

3 Pole

Description	Cat. no.	MRP ₹
DY250U1 10/10kA 160A 3P	CM981950OMO	4370
DY250U1 10/10kA 200A 3P	CM981950ONO	5620
DY250U1 10/10kA 250A 3P	CM981950OPO	8300

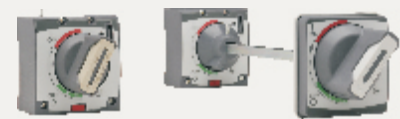
Note : Spreader terminals are provided with MCCBs
Phase Barriers are provided with all DY125U & DY250U1 MCCBs

4 Pole

Description	Cat. no.	MRP ₹
DY250U1 10/10kA 160A 4P	CM981960OMO	6760
DY250U1 10/10kA 200A 4P	CM981960ONO	7180
DY250U1 10/10kA 250A 4P	CM981960OPO	10500

Accessories - DY125U & DY250U1 MCCB [8538]

Description	Cat. no.	MRP(₹)Per Unit	Std. Pkg(Nos.)
Direct ROM- DY125U	EM909690000	780	1
Extended ROM-DY125U	EM909700000	1475	1
Direct ROM-DY250U1	CM980400000	975	1
Extended ROM-DY250U1	CM980410000	1545	1



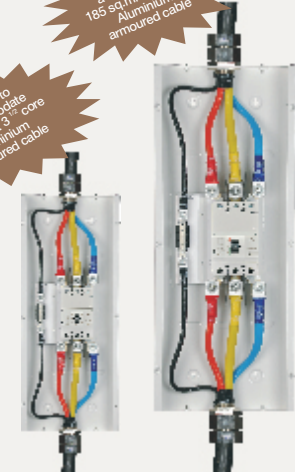
DY Direct ROM

DY Extended ROM

Enclosure DY125U & DY250U1 MCCB [8538]

Features:

- Superior Aesthetics
- Common Enclosure for 3P & 4P MCCBs
- In-built Neutral Link for TPN system
- Generous space for cable termination
- Mounting holes for easy wall mounting
- Louvers for better heat dissipation
- Effortless Installation
- IK08 and IP30 Protection



Size I Enclosure

Size II Enclosure

Description	Cat. no.	MRP(₹)Per Unit	Std. Pkg(Nos.)
Size I Enclosure for DY125U	CM909960000	1560	1
Size II Enclosure for DY250U1	CM910030000	3590	1

Note : Discontinued Product - DU100/DU125U 3P, suggested alternative - DY125U 3P

KEY FEATURES

Trippler®

Final Distribution Products



The Assurance of Absolute Safety.

Specially designed and developed for residential and commercial installations.



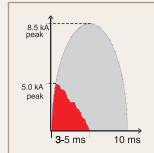
Absolute safety tripper modular devices spell world class

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



Safety redefined

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



Energy limiting class - 3

If fault occurs, the Rapid Arc Quenching mechanism in tripper operates and extinguishes the arc quickly (within 3-5 msec), ensuring lowest possible energy flow through the circuit. This minimizes risk of fire and maximizes life of your equipment.



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 its knob position. Red and Green indication flag provided below the knob positively identify the electrical ON / OFF status.



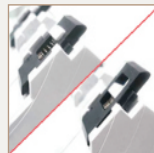
Innovatively profiled breathing channels

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, tripper range operates coolest year after year.



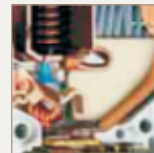
Large terminal size and dual termination

Tripper can easily accommodate cables of up to 35 sq. mm. The terminals are designed to facilitate termination of cable or bus bar or both at in-comer side. Tripper terminals offer simple termination flexibly.



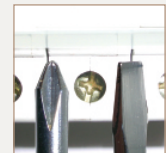
Two position DIN rail clip

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 than others.



Non-welding contacts

Silver Graphite contact tips ensure higher life and maximum safety against contact welding due to its 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 Philips screwdrivers, tripper range addresses all your unidentified needs.



MINIATURE CIRCUIT BREAKERS [8536]

Miniature Circuit Breakers (MCBs) - B Curve



Highlights

- ISI marked, CE marked
- Conforms to IS/IEC 60898
- Higher life because of heavy duty contacts
- Cooler operation due to breathing space between two poles
- Energy saving - Low watt loss - 50% as compared to standards
- Manufactured by using high quality fire retardant material
- True contact indication for enhanced safety

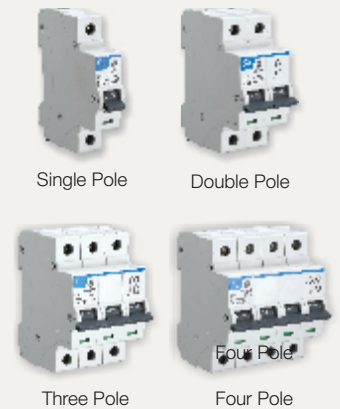


Single Pole Double Pole

Rating	Single Pole		Double Pole	
	Cat. Nos.	MRP (₹) Per Unit	Cat. Nos.	MRP (₹) Per Unit
6A B-Curve	BA10060B	168	BA20060B	565
10A B-Curve	BA10100B	168	BA20100B	565
16A B-Curve	BA10160B	168	BA20160B	565
20A B-Curve	BA10200B	168	BA20200B	565
25A B-Curve	BA10250B	168	BA20250B	565
32A B-Curve	BA10320B	168	BA20320B	565
40A B-Curve	BA10400B	345	BA20400B	820

Miniature Circuit Breakers (MCBs) - C Curve

Rating	Single Pole		Double Pole		Three Pole		Four Pole	
	Cat. Nos.	MRP (₹) Per Unit	Cat. Nos.	MRP (₹) Per Unit	Cat. Nos.	MRP (₹) Per Unit	Cat. Nos.	MRP (₹) Per Unit
6A C-Curve	BA10060C	171	BA20060C	595	BA30060C	960	BA40060C	1280
10A C-Curve	BA10100C	171	BA20100C	595	BA30100C	960	BA40100C	1280
16A C-Curve	BA10160C	171	BA20160C	595	BA30160C	960	BA40160C	1280
20A C-Curve	BA10200C	171	BA20200C	595	BA30200C	960	BA40200C	1280
25A C-Curve	BA10250C	171	BA20250C	595	BA30250C	960	BA40250C	1280
32A C-Curve	BA10320C	171	BA20320C	595	BA30320C	960	BA40320C	1280
40A C-Curve	BA10400C	370	BA20400C	825	BA30400C	1330	BA40400C	1685
63A C-Curve	BA10630C	445	BA20630C	960	BA30630C	1485	BA40630C	1870



Single Pole Double Pole
Three Pole Four Pole

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

RESIDUAL CURRENT CIRCUIT BREAKERS / EARTH LEAKAGE CIRCUIT BREAKERS [8536]

RCCBs / ELCBs



Highlights

- ISI marked, CE marked
- Conforms to IS 12640-1
- Dual Termination
- Available in SPN & TPN with 30mA, 100mA & 300mA sensitivity
- Operates on Core Balance Current Transformer
- Finger proof terminal



Two Pole Four Pole

Double Pole		
Description	Cat. Nos.	MRP (₹) Per Unit
2 Pole 25A 30mA	BC202503	2140
2 Pole 25A 100mA	BC202510	2190
2 Pole 25A 300mA	BC202530	2190
2 Pole 40A 30mA	BC204003	2360
2 Pole 40A 100mA	BC204010	2375
2 Pole 40A 300mA	BC204030	2375
2 Pole 63A 30mA	BC206303	2995
2 Pole 63A 100mA	BC206310	3020
2 Pole 63A 300mA	BC206330	3020

Four Pole		
Description	Cat. Nos.	MRP (₹) Per Unit
4 Pole 25A 30mA	BC402503	2750
4 Pole 25A 100mA	BC402510	2785
4 Pole 25A 300mA	BC402530	2785
4 Pole 40A 30mA	BC404003	2795
4 Pole 40A 100mA	BC404010	2830
4 Pole 40A 300mA	BC404030	2830
4 Pole 63A 30mA	BC406303	3175
4 Pole 63A 100mA	BC406310	3225
4 Pole 63A 300mA	BC406330	3225

* Standard Pack Quantity for RCCBs - 1 No.

ISOLATORS [8536]



Highlights

- CE marked
- Conforms to IEC 60947-3
- Higher life because of heavy duty contacts
- Cooler operation due to breathing space between two poles
- Energy saving - Low watt loss - 50% as compared to standards
- Manufactured by using high quality fire retardant material
- True contact indication for enhanced safety



Two Pole

Three Pole

Four Pole

Rating	DP		TP		FP	
	Cat. Nos.	MRP (₹) Per Unit	Cat. Nos.	MRP (₹) Per Unit	Cat. Nos.	MRP (₹) Per Unit
40A Isolator	BE204000	360	BE304000	640	BE404000	820
63A Isolator	BE206300	445	BE306300	710	BE406300	835
80A Isolator	BE208000	595	BE308000	850	BE408000	995
100A Isolator	BE210000	610	BE310000	865	BE410000	1010

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

SINGLE PHASE - ACCL [8536]



Automatic Changeover with Current Limiter

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
- Protection Degree - IP20
- Reliable microcontroller based design for sensing & control
- Lower power consumption
- RoHS compliant



Description	Module	Cat. Nos.	MRP (₹) Per Unit
30A/1.5A	4	BCL010301E5	1675
30A/2.5A	4	BCL010302E5	1675
30A/3A	4	BCL01030003	1675
30A/4A	4	BCL01030004	1675
30A/5A	4	BCL01030005	1675
30A/6A	4	BCL01030006	1675
30A/8A	4	BCL01030008	1675
30A/10A	4	BCL01030010	1675
30A/12A	4	BCL01030012	1675
30A/15A	4	BCL01030015	1675
30A/20A	4	BCL01030020	1675
30A/30A	4	BCL01030030*	1675

* Non current limiting variant

EARTH LEAKAGE + MINIATURE CIRCUIT BREAKERS [8536]



EL+MCBs (RCBO) - 2 Pole

Highlights

- Combination of ELCB & MCB (EL+MCB) offers 3 in 1 protection against - overload, short circuit and earth leakage
- Saves human life from electric shock and protects buildings from fire
- Quality assured by test certificate provided with each EL+MCB
- Easy fault identification - both knobs come down for earth leakage tripping and only MCB knob comes down for overload tripping



Two Pole

Description	Cat. Nos. (30mA)	MRP (₹) Per Unit (30mA)	Cat. Nos. (100mA)	Cat. Nos. (300mA)	MRP (₹) Per Unit (100mA/300mA)
6A 2P ELCB+MCB	CB90001OOTO	3055	CB90003OOTO	CB90005OOTO	3170
10A 2P ELCB+MCB	CB90001OOVO	3055	CB90003OOVO	CB90005OOVO	3170
16A 2P ELCB+MCB	CB90001OOBO	3055	CB90003OOBO	CB90005OOBO	3170
20A 2P ELCB+MCB	CB90001OOCO	3055	CB90003OOCO	CB90005OOCO	3170
25A 2P ELCB+MCB	CB90001OODO	3055	CB90003OODO	CB90005OODO	3170
32A 2P ELCB+MCB	CB90001OOEO	3435	CB90003OOEO	CB90005OOEO	.3370
40A 2P ELCB+MCB	CB90001OOFO	3435	CB90003OOFO	CB90005OOFO	3370
63A 2P ELCB+MCB	CB90001OOHO	4215	CB90003OOHO	CB90005OOHO	4025

EL+MCBs (RCBO) - 4 Pole



Four Pole

Description	Cat. Nos. (30mA)	MRP (₹) Per Unit (30mA)	Cat. Nos. (100mA)	Cat. Nos. (300mA)	MRP (₹) Per Unit (100mA/300mA)
6A 4P ELCB+MCB	CB90002OOTO	3840	CB90004OOTO	CB90006OOTO	3630
10A 4P ELCB+MCB	CB90002OOVO	3840	CB90004OOVO	CB90006OOVO	3630
16A 4P ELCB+MCB	CB90002OOBO	3840	CB90004OOBO	CB90006OOBO	3630
20A 4P ELCB+MCB	CB90002OOCO	3840	CB90004OOCO	CB90006OOCO	3630
25A 4P ELCB+MCB	CB90002OODO	3840	CB90004OODO	CB90006OODO	3630
32A 4P ELCB+MCB	CB90002OOEO	4010	CB90004OOEO	CB90006OOEO	3840
40A 4P ELCB+MCB	CB90002OOFO	4010	CB90004OOFO	CB90006OOFO	3840
63A 4P ELCB+MCB	CB90002OOHO	4855	CB90004OOHO	CB90006OOHO	4440

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

TRIPBOX DISTRIBUTION BOARDS

Highlights

- Ready to use DB complete with copper wire set, 100A copper bus bar, neutral bar, earth bar and DIN channel
- Superior quality powder coating for better looks and longer life
- Best design for convenient wiring
- DB is suitable for surface or flush mounting

Single Phase Neutral (SPN) DBs [8537]



Single Door



Double Door

Description	Single Door	MRP (₹) Per Unit	Double Door	MRP (₹) Per Unit
4 MOD SPN DBs	BH104SDB	670	BH104DDB	1090
6 MOD SPN DBs	BH106SDB	740	BH106DDB	1215
8 MOD SPN DBs	BH108SDB	835	BH108DDB	1350
12 MOD SPN DBs	BH112SDB	1135	BH112DDB	1675
16 MOD SPN DBs	BH116SDB	1390	BH116DDB	2025

Three Phase Neutral (TPN) DBs [8537]



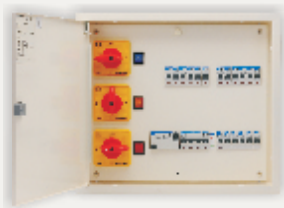
Single Door



Double Door

Description	Single Door	MRP (₹) Per Unit	Double Door	MRP (₹) Per Unit
8+4+4+4 TPN DBs	BH304SDB	2080	BH304DDB	2730
8+6+6+6 TPN DBs	BH306SDB	2570	BH306DDB	3305
8+8+8+8 TPN DBs	BH308SDB	2975	BH308DDB	4010
8+12+12+12 TPN DBs	BH312SDB	4115	BH312DDB	5545

Phase Selector DBs [8537]

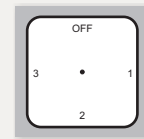


Phase Selector DBs

Description	Double Door	MRP (₹) Per Unit
8+4+4+4	BHC04DDB	8475
8+6+6+6	BHC06DDB	9030

Provided with 40A selector switches

Phase Selector Switch [8536]



Description	Cat. Nos.	MRP (₹) Per Unit
25 Amps, 1 Pole, 3 way with OFF	74000PEB03TDYR	367
32 Amps, 1 Pole, 3 way with OFF	74000PFB03TDYR	459
40 Amps, 1 Pole, 3 way with OFF	74000PGB03TDYR	668
63 Amps, 1 Pole, 3 way with OFF	74000PIB03TDYR	754

* Available in selected states only

TRIPBOX PLUS [8537]

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 from accidental damage with a dash of style.



Safety with Style

Options for flush and surface mounting

Pleasing powder-coated, matte finish - RAL9003

Insulated Busbar



As per IS 8623 Standards

Shrouded neutral bars to avoid accidental contact with live parts

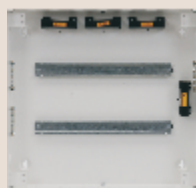


Ease of Installation

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



SPN Distribution Boards

- As per IS 8623
- Available in 4, 6, 8, 12 & 16 way
- Ready to use DB 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 or glazed door
- With provision for DP MCB/Isolator/ RCCB/RCBO as incomer and SP MCBs as outgoing



Description	Modules		Double Door	MRP (₹) Per Unit	Double Door - Glazed	MRP (₹) Per Unit
	Incomer	Outgoing				
4 way	2	2	PH104DDB	1145	PH104DDG	1420
6 way	2	4	PH106DDB	1320	PH106DDG	1530
8 way	2	6	PH108DDB	1430	PH108DDG	1665
12 way	2	10	PH112DDB	1710	PH112DDG	2015
16 way	2	14	PH116DDB	2135	PH116DDG	2495

TPN Distribution Boards

- As per IS 8623
- Available in 4, 6, 8 & 12 way
- Ready to use DB 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 or glazed door
- With provision for FP MCB/Isolator/ RCCB/RCBO as incomer and SP MCBs as outgoing



Description	Modules		Double Door	MRP (₹) Per Unit	Double Door - Glazed	MRP (₹) Per Unit
	Incomer	Outgoing				
4 way	8	4+4+4	PH304DDB	2795	PH304DDG	3520
6 way	8	6+6+6	PH306DDB	3475	PH306DDG	4360
8 way	8	8+8+8	PH308DDB	4155	PH308DDG	5220
12 way	8	12+12+12	PH312DDB	6115	PH312DDG	8070

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 bar, 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 outgoing



Description	Modules			Double Door	MRP (₹) Per Unit
	Incomer	Sub-Incomer	Outgoing		
4 way	8	2+2+2	4+4+4	PHP304DDB	4435
6 way	8	2+2+2	6+6+6	PHP306DDB	5315
8 way	8	2+2+2	8+8+8	PHP308DDB	6280
12 way	8	2+2+2	12+12+12	PHP312DDB	8565

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 bar, 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 in Modular Incomer, DP RCCB/RCBO as sub-incomer and SP MCBs as outgoing



Description	Modules			Double Door	MRP (₹) Per Unit
	Incomer	Sub-Incomer	Outgoing		
4 way	8	4+4+4	4+4+4	PHS304DDB	7120
6 way	8	4+4+4	6+6+6	PHS306DDB	8040
8 way	8	4+4+4	8+8+8	PHS308DDB	8975
12 way	8	4+4+4	12+12+12	PHS312DDB	11435

Phase selector DBs

- As per IS 8623
- Available in 4, 6, 8 & 12 way
- Ready to use DBs - Provided with 63A L&T Rotary switches/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
- With provision for FP MCB/Isolator/ RCCB/RCBO as incomer and SP MCBs as outgoing



Description	Modules		Double Door	MRP (₹) Per Unit
	Incomer	Outgoing		
4 way	8	4+4+4	PHC04DDB	9805
6 way	8	6+6+6	PHC06DDB	10035
8 way	8	8+8+8	PHC08DDB	10640
12 way	8	12+12+12	PHC12DDB	11945

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, 100A insulated bus bar, 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 outgoing



Description	Modules		Double Door	MRP (₹) Per Unit
	Incomer	Outgoing		
4 way	8	4+4+4	PHV304DDB	6670
6 way	8	6+6+6	PHV306DDB	7985
8 way	8	8+8+8	PHV308DDB	8885
12 way	8	12+12+12	PHV312DDB	11760

VTPN DBs with DY125U MCCB Incomer

- As per IS 8623
- Available in 4, 6, 8 & 12 way
- Ready to use DBs complete with colour- coded wire set, 125A insulated bus bar, 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



Description	Modules		Double Door	MRP (₹) Per Unit
	Incomer	Outgoing		
4 way	MCCB	4+4+4	PHV304DYM	7920
6 way	MCCB	6+6+6	PHV306DYM	9480
8 way	MCCB	8+8+8	PHV308DYM	10070
12 way	MCCB	12+12+12	PHV312DYM	12845

Enclosures

- As per IS 8623
- Available in 2, 3, 4 & 6 way
- Provided with Earth terminals and blanking plate
- With provision to mount MCB/Isolator/ RCCB/RCBO and other modular devices



Description	Modules	Single Door	MRP (₹) Per Unit
2 way	2	PHE02DB	345
3 way	3	PHE03DB	385
4 way	4	PHE04DB	385
6 way	6	PHE06DB	580

TRIPBOX PLUS [8537]

Plug & Socket DBs

- As per IS 8623
- SPN - 10A & 20A; TPN - 32A
- Ready to use DBs complete with colour-coded wire set, neutral bar/s with shroud/s in 1 and 3 module
- With provision to mount MCBs/RCCBs



Description	Modules	Single Door	MRP (₹) Per Unit
10A, 2 Pin+SC	1	PMP110DB	880
20A, 2 Pin+SC	1	PMP120DB	935
20A, 2 Pin+SC	2	PMP220DB	1020
32A, 3 Pin+SC	3	PMP332DB	2425

METAL PLUG & SOCKET [8536]

- L&T Plug & Socket designed to ensure safe functioning of electrical equipment and the user safety
- The Plugs & Sockets which find its applications at air conditioners, welding machines, industrial equipment, etc., are made of non corrosive aluminum alloy
- Confirms to IS 8804



Metal plug

Metal Socket

Description	Cat No.	Std. Pack Quantity	MRP (₹) Per Unit
10A, 2 PIN + SC^ METAL PLUG	MPS210P	20	145
20A, 2 PIN + SC^ METAL PLUG	MPS220P	20	155
20A, 3 PIN + SC^ METAL PLUG	MPS320P	20	200
32A, 3 PIN + SC^ METAL PLUG	MPS332P	20	375
10A, 2 PIN + SC^ METAL SOCKET	MPS210S	20	145
20A, 2 PIN + SC^ METAL SOCKET	MPS220S	20	170
20A, 3 PIN + SC^ METAL SOCKET	MPS320S	20	225
32A, 3 PIN + SC^ METAL SOCKET	MPS332S	20	375

^SC-Scraping Earth

PROTECT YOURSELF AGAINST ELECTRIC SHOCK!!!

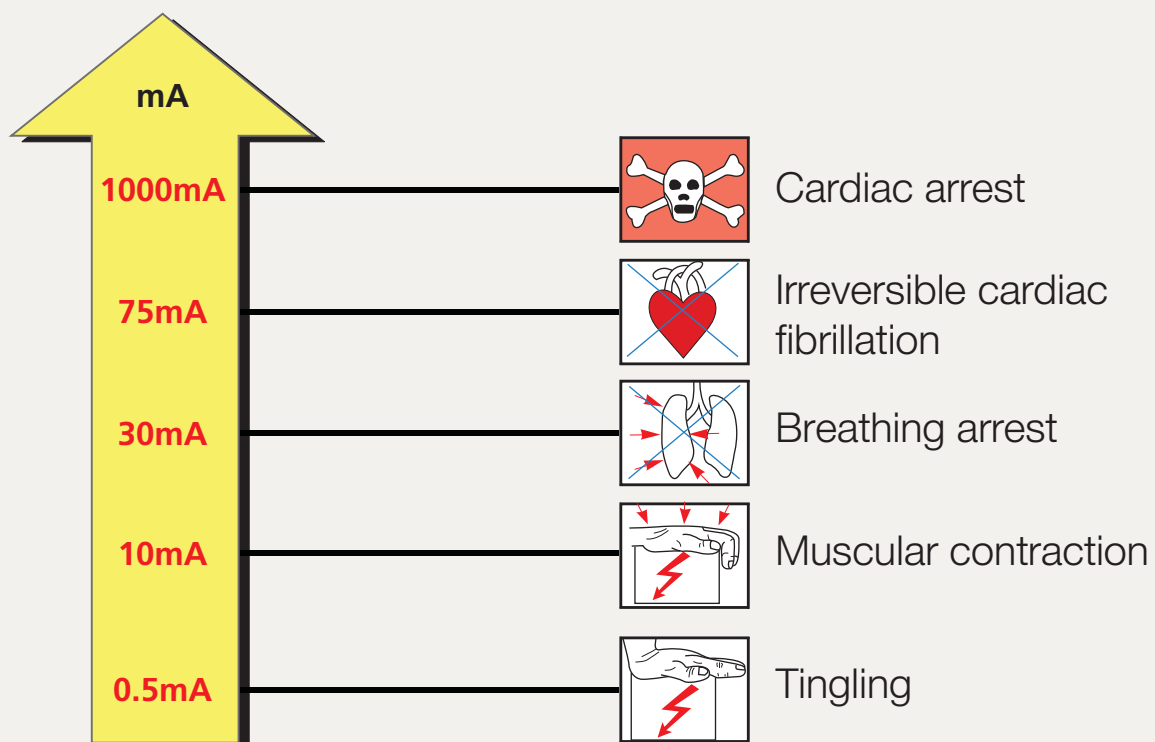
'Short-circuit' is a commonly used terminology to describe various electrical faults. Short-circuit is caused by 2 or 3 phases getting shorted or shorting between phase to neutral. During this phenomenon, the system experiences abnormally high flow of current which can damage the equipment/installations and even cause fire hazards. Electrical devices like HRC fuses, circuit breakers (MCBs, MCCBs etc.) are commonly used for protection against such short-circuit faults.

However, Circuit Breakers like MCBs, MCCBs and HRC fuses do not detect 'leakage currents' which are dangerous for humans and livestock. Leakage current can also lead to fire hazards. Therefore we need a protection device which detects such leakage currents and disconnects the circuit.

RCCB – Residual Current Circuit Breaker is the device which precisely does this function. It is also called as Earth Leakage Circuit Breaker (ELCB).

Effect of Leakage Current on Human Body

According to the medical study, effects of various current levels on human body are as shown below:



The gravity of electric shock depends on the following factors:

- Current value
- Time for which current remains in the human body
- Path that current takes through the human body
- Resistance of the human body

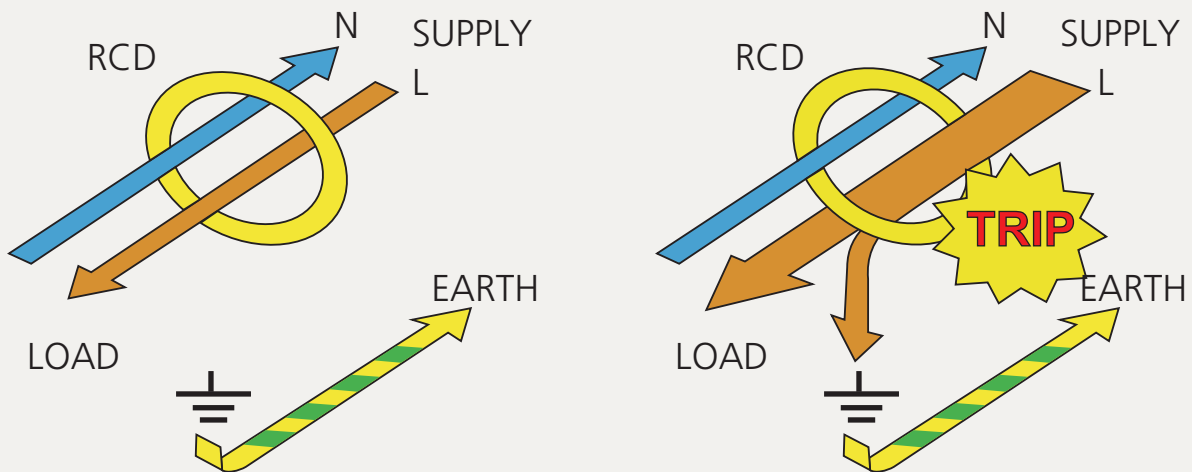
When current in excess of 30mA flows through human body, the person is in danger if this current is not interrupted in a relatively short time.

PROTECT YOURSELF AGAINST ELECTRIC SHOCK!!!

Working Principal of an RCCB

RCCB or Residual Current Device (RCD) offers leakage protection by constantly monitoring the current flowing in the live and neutral wires supplying to a circuit or individual equipment. Under normal circumstances, the current flowing in the two wires is equal. Earth leakage current will flow in the circuit in following conditions:

1. Due to poor insulation of wire/equipment: Properly selected RCCB will detect this leakage current and trip.
2. Accidental human contact with live/faulty equipment/circuit: Properly selected RCCB will detect this leakage current and trip.



EL+MCB

EL+MCB is also part of the RCD family offering 3-in-1 protection against short-circuit, overload and earth leakage.

Different Sensitivities in RCCB

Sensitivity in mA is one of the technical parameters of an RCCB. It indicates the tripping threshold of the product. Accordingly, RCCB with 30mA sensitivity will not trip below 50% of rated sensitivity value (15mA in this case) and will definitely trip beyond 15mA and up to 30mA. RCCBs are typically offered in 30mA, 100mA and 300mA sensitivities. Typical applications of RCCBs with these sensitivities can be as below:

Sensitivity	Typical Application
30mA	Human Protection- Kitchens, Bathrooms, Laboratories, Schools and Workshops etc.
100mA	Protection against indirect contact, Limited personal protection
300mA	Cable/fire protection in industrial environment

PROTECT YOURSELF AGAINST ELECTRIC SHOCK!!!

Precautions for Installing an RCCB

1. Wiring should be done as per the wiring diagram by a trained and qualified electrician.
2. All wiring necessary for operation shall be passed through the RCCB.
3. All equipment must be properly earthed.
4. To ensure correct functioning, care must be taken that the neutral conductor on the load side of the RCCB must not be connected to earth, otherwise nuisance tripping may occur or tripping may be impaired.
5. In case, individual RCCBs are used as sub-incomers in R, Y and B phases, outgoing neutrals of these RCCBs should not be looped together, separating all three phases/circuits electrically.
6. Overcurrent protection device such as MCB or HRC fuse shall be used for protection of the circuit under installation.

Test Button Facility in RCCBs

As RCCBs provide protection against leakage current, one needs to be certain that these products are always ready to act whenever leakage current phenomenon takes place. To get this assurance, there is a provision of 'Test Button' in RCCBs. While RCCB is energized (given necessary power supply), one can press the test button which will activate the mechanism inside and make the RCCB trip. It shows that RCCB is healthy and ready to provide leakage current protection.



Why RCCB should not be Bypassed?

If sensitivity selection of an RCCB is not done properly, it might offer unwanted tripping. And one of the reasons for bypassing RCCBs is its unwanted tripping.

For example, the circuit demands 100mA RCCB to be installed; RCCB will not trip up to 50mA and will trip in the band beyond 50mA and up to 100mA. Now, on account of incorrect selection, if 30mA RCCB is installed in this circuit, it might offer unwanted/nuisance tripping.

If RCCB is bypassed, there will not be any leakage protection device in the system leading to electric shock and fire hazards. Therefore it is important to select RCCB with right sensitivity and not bypass it in the system.

General Terms

- All Prices are on maximum retail price basis inclusive of all duties Goods and Services tax (GST) and any other tax as applicable.
- HSN code mentioned against each product category with GST rates.
- Prices are subject to revision without notice.

Warranty Policy

- The warranty is subject to the provision of proper usage and efficient maintenance and does not cover defects arising out of fire, accident, inefficient maintenance, faulty operation and willful or accidental damage.
- The manufacturer shall not be liable for any consequential losses, injury or damages attributable to defect or failure of its products.
- Should be proved that the product is defective due to faulty workmanship or otherwise, company will remedy the defect or replace the faulty parts or the whole product at our discretion, as soon as possible, free of cost.
- All products are fully warranted against manufacturing defects due to faulty workmanship for various products as per below:

ORIS and entice range

- All Switches, power sockets and accessories carry a warranty for 12* years from date of manufacturing.
- Products with electronic circuits and LED i.e. Fan regulators, dimmers, foot light, buzzer, hotel range, spike guards, door bells, USB chargers etc. carry warranty for 2* years from date of manufacturing.
- Color products in entice range carry warranty for 3* years for coating from date of manufacturing.

Tripper , Tripbox and Tripbox plus range

- All products listed in the price list carry a warranty against manufacturing defects for a period of 18* months from the date of purchase.

* Proof of purchase to be retained to avail warranty.

Electrical Standard Products (ESP) Offices:

HEAD OFFICE

L&T Business Park,
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