

With entice color
switches range



Maximum Retail Prices
Effective from 01-07-2017

ABOUT L&T

Larsen & Toubro infuses engineering with imagination. The Company offers a wide range of advanced solutions in the field of Engineering, Construction, Electrical & Automation, Machinery and Information Technology.

L&T Switchgear, a part of the Electrical & Automation business, is India's largest manufacturer of low voltage switchgear, with the scale, sophistication and range to meet global benchmarks. With over five decades of experience in this field, the Company today enjoys a leadership position in the Indian market with a growing international presence.

It offers a complete range of products including powergear, controlgear, industrial automation, building electricals & automation, reactive power management, energy meters, and protective relays. These products conform to Indian and International Standards.

L&T now offers the most comprehensive range of building electricals. From Wiring Accessories, MCBs, RCCBs, EL-MCBs, DBs, MCCBs you will find them all. Simply put, a one stop solution for building electricals with the assurance that you can expect only from a leader!

Switchgear Factory, Navi Mumbai



Switchgear Factory, Ahmednagar

Designed to Dazzle

Inspired by the beauty of India

Ethereal Beauty lies in the whole and soul of India. And we have woven the same kind of magic into entice. Its beautiful ribless design, cleverly contoured edges and the gorgeously glossy surface indeed adds to the beauty of your walls.





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

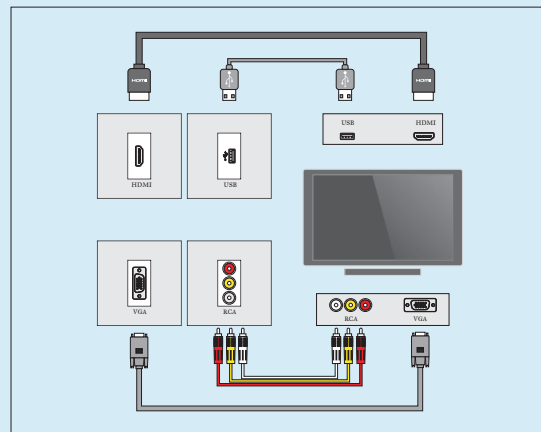
Color options

- 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

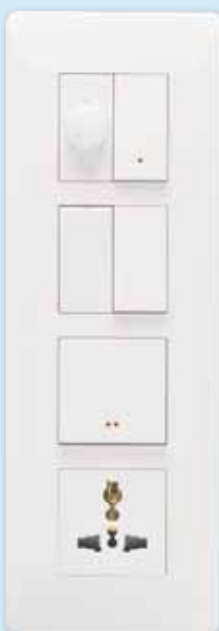


Wiring connection for TV application



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, 1000 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



Switches and Bell Push with Certification [8536-@28%]



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	153	20
6AX	1	Switch 2-way 6AX	CB91201SW06	145	20
10AX	1	Switch 1-way 10AX	CB91101SW10	101	20
10AX	1	Switch 1-way 10AX with LED indicator	CB91301SW10	153	20
10AX	1	Switch 2-way 10AX	CB91201SW10	145	20
16AX	1	Switch 1-way 16AX	CB91101SW16	170	20
16AX	1	Switch 1-way 16AX with LED indicator	CB91301SW16	205	20
16AX	1	Switch 2-way 16AX	CB91201SW16	205	20
20A	1	Switch 1-way 20A	CB91101SW20	212	20
20A	1	Switch 1-way 20A with LED indicator	CB91301SW20	256	20
20A	2	Switch 20A DP with LED indicator	CB91402SW20	330	10
32A	2	Switch 32A DP with LED indicator	CB91402SW32	395	10
6AX	1	Bell push 6A	CB91101BW06	152	20
10AX	1	Bell push 10A	CB91101BW10	152	20
10AX	1	Bell push 10A with LED indicator	CB91301BW10	175	20
10AX	2	Bell push 10A with LED indicator	CB91302BW10	225	10

Motor Starters [8536-@28%]



CB91102MW20
CB91102MW25

Rating	Module	Description	Cat. Nos.	MRP (₹) Per Unit	Std Pkg
20A	2	Motor starter-modular type, Single phase	CB91102MW20	688	10
25A	2	Motor starter-modular type, Single phase	CB91102MW25	702	10

Power Sockets [8536-@28%]



CB91101CW06 CB91202CW06 CB91302CW16 CB91302CW25
CB91402CW13

Rating	Module	Description	Cat. Nos.	MRP (₹) Per Unit	Std Pkg
6A	1	Socket 2-pin Euro type 6A	CB91101CW06	128	20
6A	2	Socket 2/3-pin type 6A with 	CB91202CW06	162	10
6A/16A	2	Socket 6A/16A combined with 	CB91302CW16	259	10
10A/25A	2	Socket 10A/25A combined	CB91302CW25	285	10
13A	2	Socket universal 13A	CB91402CW13	255	10

Dimmers and Fan Regulators

[8536-@28%]

[8543-@18%]



CB91102DW10 CB91101DW04 CB91101RW01 CB91102RW02

Rating	Module	Description	Cat. Nos.	MRP (₹) Per Unit	Std Pkg
1000W	2	Dimmer 1000W	CB91102DW10	795	5
400W	1	Dimmer 400 W	CB91101DW04	495	10
80W	1	Fan step regulator 4-Step	CB91101RW01	445	10
120W	2	Fan step regulator 5-Step with 	CB91102RW02	615	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-@28%]



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	139	20
1	Telephone socket with shutter - Twin RJ 11	CB91201TW11	190	20
1	Computer socket with shutter - RJ 45, cat 5e	CB91101TW45	445	20
1	Computer socket with shutter - RJ 45, cat 6	CB91201TW45	495	20
1	TV socket with cable grip	CB91101TW00	136	20
1	RCA connector	CB91201TW00	1650	20
1	HDMI connector	CB91301TW00	1350	20
1	USB connector	CB91401TW00	1150	20
1	VGA connector	CB91501TW00	1250	20

Mounting Boxes - GI Metal, Flush Type [8538-@18%]



Module	Description	Cat. Nos.	MRP (₹) Per Unit	Std Pkg
1/2	GI metal box-1 & 2 module	CB91102WM00	73	60
3	GI metal box-3 module	CB91103WM00	90	45
4	GI metal box-4 module	CB91104WM00	99	30
6	GI metal box-6 module	CB91106WM00	148	20
8	GI metal box-8 module horizontal	CB91108WM00	188	15
8	GI metal box-8 module square	CB91208WM00	188	24
12/16	GI metal box-12/16 module	CB91112WM00	285	16
18	GI metal box-18 module	CB91118WM00	325	10

All GI Metal Boxes Confirms to IS14772 : 2000

Accessories



CB91102AW00 CB91101AW00 CB91201AW00 CB91102LW00 CB91101AW01 CB91301AW00

Module	Description	Cat. Nos.	MRP (₹) Per Unit	Std Pkg
2	Buzzer [8531-@28%]	CB91102AW00	325	5
1	Cable outlet with grip [8536-@28%]	CB91101AW00	110	20
1	Blank off unit [8538-@18%]	CB91201AW00	29	20
2	Foot light [8531-@28%]	CB91102LW00	655	5
1	Modular type USB Charger - 1000 mA [8504-@28%]	CB91101AW01	1350	10
1	Phase indicator with LED [8531-@28%]	CB91301AW00	128	20

Modular Cover Plates with Grid Frames [8538-@18%]



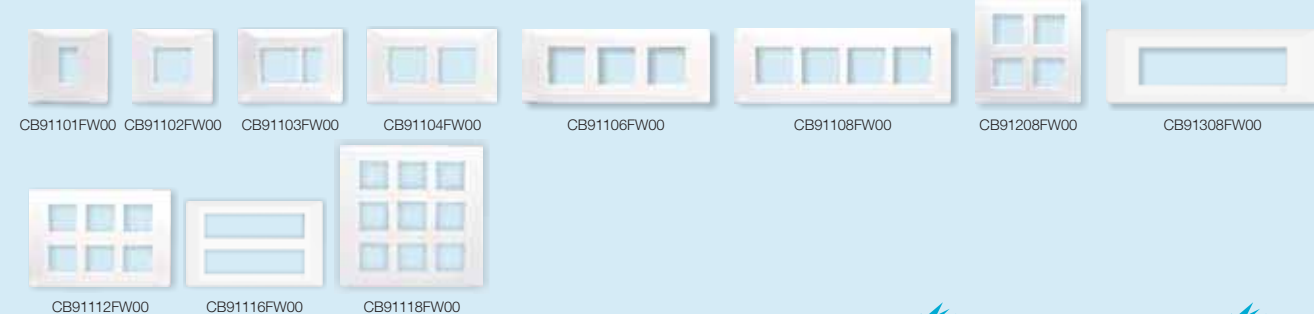
Module	Description	Cat. Nos.	MRP (₹) Per Unit	Std Pkg
1	1 Module cover plate with grid frame	CB91101FW00	91	15
2	2 Module cover plate with grid frame	CB91102FW00	91	15
3	3 Module cover plate with grid frame	CB91103FW00	118	10
4	4 Module cover plate with grid frame	CB91104FW00	135	15
6	6 Module cover plate with grid frame	CB91106FW00	185	5
8	8 Module cover plate with grid frame horizontal	CB91108FW00	215	5
8	8 Module cover plate with grid frame - square	CB91208FW00	215	5
8	8 Module cover plate with grid frame horizontal (suitable for oris 10M Box)	CB91308FW00	255	5
12	12 Module cover plate with grid frame	CB91112FW00	295	5
16	16 Module cover plate with grid frame (suitable for entice 12M Box also)	CB91116FW00	345	4
18	18 Module cover plate with grid frame	CB91118FW00	365	5

Mounting Boxes - GI Metal, Flush Type



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



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)



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 137.3x 51	211.3 x 138 x 51	214.2 x 212 x 51

Face & Grid Plates



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)

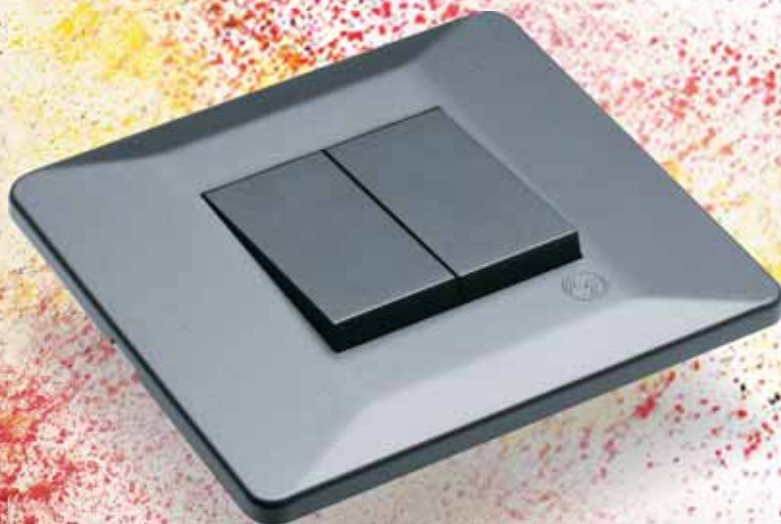


Module	1/2 M	3/4 M	6 M	8 M	10 M	12 M	16 M
Sizes in mm (L x H x D)	89 x 84 x 52.5	114 x 89 x 52.5	150 x 89 x 52.5	216 x 89 x 52.5	237x 89 x 52.5	150 x 144.7 x 52.5	216 x 144.7 x 52.5

entice

New

Presenting
colours in entice range



Switches and Bell Push with Certification-Charcoal Grey [8536-@28%]



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	116	20
10AX	1	Switch 1-way 10AX with LED indicator	CB91301SG10	199	20
10AX	1	Switch 2-way 10AX	CB91201SG10	189	20
16AX	1	Switch 1-way 16AX	CB91101SG16	221	20
16AX	1	Switch 1-way 16AX with LED indicator	CB91301SG16	267	20
16AX	1	Switch 2-way 16AX	CB91201SG16	267	20
20A	2	Switch 20A DP with LED indicator	CB91402SG20	429	10
32A	2	Switch 32A DP with LED indicator	CB91402SG32	514	10
6AX	1	Bell push 6A	CB91101BG06	198	20
10AX	1	Bell push 10A	CB91101BG10	198	20
10AX	1	Bell push 10A with LED indicator	CB91301BG10	228	20
10AX	2	Bell push 10A with LED indicator	CB91302BG10	293	10

Motor Starters-Charcoal Grey [8536-@28%]



CB91102MG20
CB91102MG25

Rating	Module	Description	Cat. Nos.	MRP (₹) Per Unit	Std Pkg
20A	2	Motor starter-modular type, Single phase	CB91102MG20	894	10
25A	2	Motor starter-modular type, Single phase	CB91102MG25	913	10

Power Sockets-Charcoal Grey [8536-@28%]



CB91101CG06 CB91202CG06 CB91302CG16 CB91402CG13
CB91302CG25

Rating	Module	Description	Cat. Nos.	MRP (₹) Per Unit	Std Pkg
6A	1	Socket 2-pin Euro type 6A	CB91101CG06	166	20
6A	2	Socket 2/3-pin type 6A with	CB91202CG06	211	10
6A/16A	2	Socket 6A/16A combined with	CB91302CG16	337	10
10A/25A	2	Socket 10A/25A combined	CB91302CG25	371	10
13A	2	Socket universal 13A	CB91402CG13	332	10

Dimmers and Fan Regulators -Charcoal Grey [8536-@28%] [8543-@18%]

Rating	Module	Description	Cat. Nos.	MRP (₹) Per Unit	Std Pkg
1000W	2	Dimmer 1000W	CB91102DG10	1034	5
400W	1	Dimmer 400 W	CB91101DG04	644	10
80W	1	Fan step regulator 4-Step	CB91101RG01	579	10
120W	2	Fan step regulator 5-Step with	CB91102RG02	800	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-Charcoal Grey [8536-@28%]



Module	Description	Cat. Nos.	MRP (₹) Per Unit	Std Pkg
1	Telephone socket with shutter - RJ 11	CB91101TG11	195	15
1	Telephone socket with shutter - Twin RJ 11	CB91201TG11	266	15
1	Computer socket with shutter - RJ 45, cat 5e	CB91101TG45	623	15
1	Computer socket with shutter - RJ 45, cat 6	CB91201TG45	693	15
1	TV socket with cable grip	CB91101TG00	190	15
1	RCA connector	CB91201TG00	2310	15
1	HDMI connector	CB91301TG00	1890	15
1	USB connector	CB91401TG00	1610	15
1	VGA connector	CB91501TG00	1750	15

Cover & Grid Frame-Eco Grey [8538-@18%]



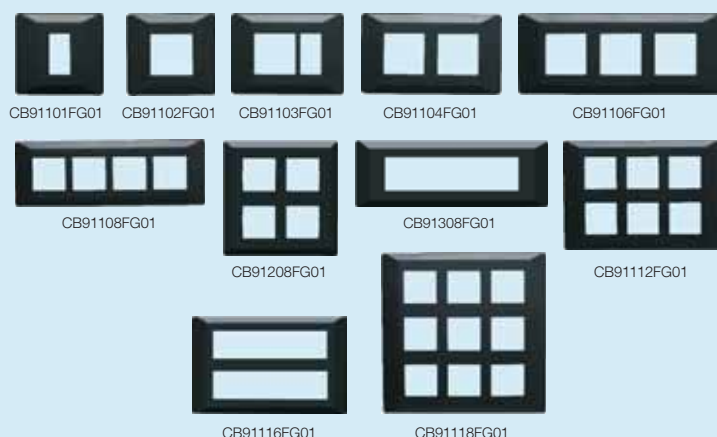
Module	Description	Cat. Nos.	MRP (₹) Per Unit	Std Pkg
1	1 Module cover plate with grid frame	CB91101FE01	155	15
2	2 Module cover plate with grid frame	CB91102FE01	155	15
3	3 Module cover plate with grid frame	CB91103FE01	201	10
4	4 Module cover plate with grid frame	CB91104FE01	230	10
6	6 Module cover plate with grid frame	CB91106FE01	315	5
8	8 Module cover plate with grid frame horizontal	CB91108FE01	366	5
8	8 Module cover plate with grid frame - square	CB91208FE01	366	5
8	8 Module cover plate with grid frame horizontal (suitable for oris 10M Box)	CB91308FE01	434	5
12	12 Module cover plate with grid frame	CB91112FE01	502	5
16	16 Module cover plate with grid frame (suitable for entice 12M Box also)	CB91116FE01	587	4
18	18 Module cover plate with grid frame	CB91118FE01	621	5

Accessories-Charcoal Grey



Module	Description	Cat. Nos.	MRP (₹) Per Unit	Std Pkg
2	Buzzer [8531-@28%]	CB91102AG00	455	5
1	Cable outlet with grip [8536-@28%]	CB91101AG00	154	15
1	Blank off unit [8538-@18%]	CB91201AG00	41	20
2	Foot light [8531-@28%]	CB91102LG00	917	5
1	Modular type USB Charger - 1000 mA [8504-@28%]	CB91101AG01	1890	10
1	Phase indicator with LED [8531-@28%]	CB91301AG00	179	15

Modular Cover Plates with Grid Frames-Charcoal Grey [8538-@18%]



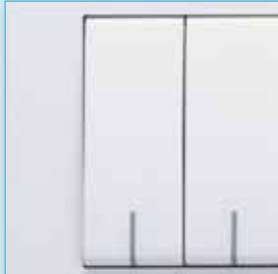
Module	Description	Cat. Nos.	MRP (₹) Per Unit	Std Pkg
1	1 Module cover plate with grid frame	CB91101FG01	155	15
2	2 Module cover plate with grid frame	CB91102FG01	155	15
3	3 Module cover plate with grid frame	CB91103FG01	201	10
4	4 Module cover plate with grid frame	CB91104FG01	230	10
6	6 Module cover plate with grid frame	CB91106FG01	315	5
8	8 Module cover plate with grid frame horizontal	CB91108FG01	366	5
8	8 Module cover plate with grid frame - square	CB91208FG01	366	5
8	8 Module cover plate with grid frame horizontal (suitable for oris 10M Box)	CB91308FG01	434	5
12	12 Module cover plate with grid frame	CB91112FG01	502	5
16	16 Module cover plate with grid frame (suitable for entice 12M Box also)	CB91116FG01	587	4
18	18 Module cover plate with grid frame	CB91118FG01	621	5



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



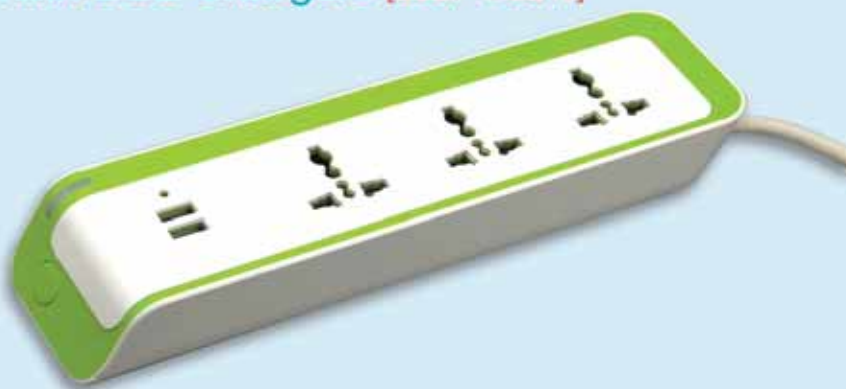
- Safety shutters in all power and data sockets
- Finger touch proof IP20 terminals
-  marking on all switches, bell push, plug top & most of the sockets

Longer Life



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

Spike Guard with Twin USB Chargers [8537-@28%]



Rating	Description	Cat. Nos.	MRP (₹) Per Unit	Std Pkg
6A	Spike guard with twin USB chargers	OA05W06	1280	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-@28%]

With tune selector switch



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	315	1
Mantras	OB32W00	350	1
English melody	OB33W00	370	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

Plain Switches [8536-@28%] 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	152	20
10AX	1	1 - Way switch plain	OS15W10	120	20
10AX	1	2 - Way switch plain	OS16W10	152	20
16AX	1	1 - Way switch plain	OS15W16	176	20
16AX	1	2 - Way switch plain	OS16W16	210	20
20A	1	1 - Way switch plain	OS15W20	182	20
20A	1	2 - Way switch plain	OS16W20	222	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-@28%]



OS11W06
OS11W10
OS11W16
OS11W20



OS12W06
OS12W10
OS12W16
OS12W20



OS13W06
OS13W10
OS13W16
OS13W20

Rating	Module	Description	Cat. Nos.	MRP (₹) Per Unit	Std Pkg
6AX	1	1 - Way switch	OS11W06	125	20
6AX	1	2 - Way switch	OS12W06	158	20
6AX	1	1 - Way switch with LED	OS13W06	158	20
10AX	1	1 - Way switch	OS11W10	125	20
10AX	1	2 - Way switch	OS12W10	158	20
10AX	1	1 - Way switch with LED	OS13W10	158	20
16AX	1	1 - Way switch	OS11W16	183	20
16AX	1	2 - Way switch	OS12W16	219	20
16AX	1	1 - Way switch with LED	OS13W16	206	20
20A	1	1 - Way switch	OS11W20	189	20
20A	1	2 - Way switch	OS12W20	230	20
20A	1	1 - Way switch with LED	OS13W20	216	20

Mega Switches [8536-@28%]



OS21W10
OS21W16
OS21W20



OS22W10
OS22W16
OS22W20



OS23W10
OS23W16
OS23W20
OS24W20
OS24W32

Rating	Module	Description	Cat. Nos.	MRP (₹) Per Unit	Std Pkg
10AX	2	1 - Way switch	OS21W10	153	10
10AX	2	2 - Way switch	OS22W10	184	10
10AX	2	1 - Way switch with LED	OS23W10	169	10
16AX	2	1 - Way switch	OS21W16	199	10
16AX	2	2 - Way switch	OS22W16	235	10
16AX	2	1 - Way switch with LED	OS23W16	225	10
20A	2	1 - Way switch	OS21W20	215	10
20A	2	2 - Way switch	OS22W20	240	10
20A	2	1 - Way switch with LED	OS23W20	230	10
20A	2	DP 1 Way switch with LED	OS24W20	354	10
32A	2	DP 1 Way switch with LED	OS24W32	424	10

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-@28%]



Rating	Module	Description	Cat. Nos.	MRP (₹) Per Unit	Std Pkg
6A	1	2-Pin euro socket, Shuttered	OC11W06	138	20
6A	3	Uni socket, Shuttered	OC31W06	159	10
6A	3	2-Pin / 3-pin socket, Shuttered	OC32W06	176	10
16A	3	3-Pin power socket, Shuttered	OC31W16	261	10
6/16A	3	Twin 3-pin power socket, Shuttered	OC32W66	268	10
6/10/13A	3	Universal pin socket, Shuttered	OC32W13	249	10
25A	3	3-pin power socket, Shuttered	OC31W25	277	10

Data Sockets [8536-@28%]



Module	Description	Cat. Nos.	MRP (₹) Per Unit	Std Pkg
1	RJ 11 Shuttered	OT11W11	149	20
1	Twin RJ 11 Shuttered	OT12W11	184	20
1	RJ 45, cat 6, Shuttered	OT11W45	473	20
1	TV socket	OT11W00	134	20

Bell Push & Night Locator Switch [8536-@28%]

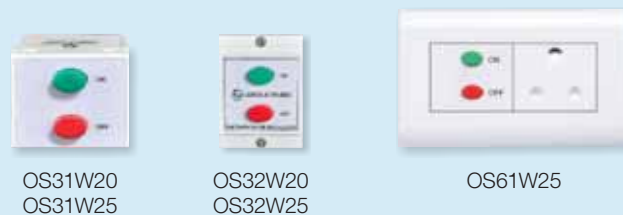


Rating	Module	Description	Cat. Nos.	MRP (₹) Per Unit	Std Pkg
6AX	1	Bell push	OB11W06	158	20
6AX	1	Bell push with LED	OB13W06	177	20
10AX	2	Bell push with LED	OB23W10	216	10
6AX	1	1 - Way switch with blue LED	OS14W06	172	20
10AX	1	1 - Way switch with blue LED	OS14W10	172	20
6AX	1	Bell push plain	OB15W06	152	20

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

Motor Starters [8536-@28%]



Rating	Module	Description	Cat. Nos.	MRP (₹) Per Unit	Std Pkg
20A	3	Modular AC/motor starter, Single phase	OS31W20	795	5
25A	3	Modular AC/motor starter, Single phase	OS31W25	811	5
20A		Non-modular AC/motor starter, Single phase	OS32W20	795	5
25A		Non-modular AC/motor starter, Single phase	OS32W25	811	5
25A	6	Safety AC power unit ★	OS61W25	1343	1

★ Supplied pre-wired with cover and grid plates

Face & Grid Plates [8538-@18%]

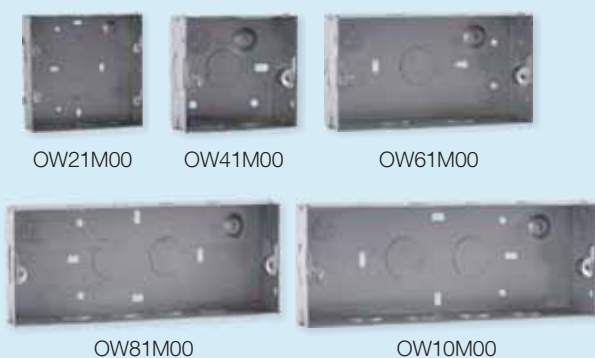


Module	Description	Cat. Nos.	MRP (₹) Per Unit	Std Pkg
1	1 Module grid frame + Cover	OF11W00	105	10
2	2 Module grid frame + Cover	OF21W00	105	10
3	3 Module universal GF + Cover	OF31W00	129	10
3	3 Module mini GF + Cover	OF32W00	118	10
4	4 Module grid frame + Cover	OF41W00	134	10
6	6 Module grid frame + Cover	OF61W00	177	10

New

Module	Description	Cat. Nos.	MRP (₹) Per Unit	Std Pkg
8	8 Module grid frame + Cover	OF81W00	210	10
10	10 Module grid frame + Cover	OF10W02	249	5
10	10 Module, 433 grid frame + Cover	OF10W03	249	5
10	10 Module, 433 grid frame + Cover (Suitable for entice 8M Box)	OF10W04	254	5
12	12 Module grid frame + Cover	OF12W00	298	5
16	16 Module grid frame + Cover	OF16W00	327	5
24	24 Module grid frame + Cover	OF24W00	431	5

Recess Metal Wall Box (GI) [8538-@18%]



Module	Description	Cat. Nos.	MRP (₹) Per Unit	Std Pkg
1 & 2	Metal box 1 & 2 module	OW21M00	82	64
3 & 4	Metal box 3 & 4 module	OW41M00	101	48
6	Metal box 6 module	OW61M00	121	48
8	Metal box 8 module linear	OW81M00	173	32
10	Metal box 10 module linear	OW10M00	217	32
12	Metal box 12 module	OW12M00	271	24
16	Metal box 16 module	OW16M00	287	16
24	Metal box 24 module	OW24M00	398	12

Surface Box (Plastic) [8538-@18%]



Module	Description	Cat. Nos.	MRP (₹) Per Unit	Std Pkg
1 & 2	1/2 Module surface box	OW21W00	95	48
3 & 4	3/4 Module surface box	OW41W00	112	40
6	6 Module surface box	OW61W00	134	48
8	8 Module surface box	OW81W00	139	30
10	10 Module surface box	OW10W00	168	30
12	12 Module surface box	OW12W00	184	20
16	16 Module surface box	OW16W00	268	16

All GI Metal Boxes Confirms to IS14772 : 2000

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

Dimmer [8536-28%] & Fan Regulator [8543-18%]



OD21W04



OR22W01

Rating	Module	Description	Cat. Nos.	MRP (₹) Per Unit	Std Pkg
400W	2	Lamp dimmer	OD21W04	536	10
650W	3	Lamp dimmer	OD31W06	639	10
1000W	3	Lamp dimmer	OD31W10	873	10
120W	2	5 Step fan regulator, 360° rotation	OR22W01	633	10

Accessories



OA11W00



OA21W00



OA10W00



OL61W06

Module	Description	Cat. Nos.	MRP (₹) Per Unit	Std Pkg
1	LED indicator light [8531-@28%]	OA11W00	128	20
2	Buzzer [8531-@28%]	OA21W00	295	10
1	Blank off unit [8538-@18%]	OA10W00	26	20
6	LED footlight [8531-@28%]	OL61W06	657	5
1	1 Module jacket [8536-@28%]	OA12W00	11	50
2	2 Module jacket [8536-@28%]	OA22W00	12	50
1	Cable outlet [8536-@28%]	OA13W00	112	20

Work Station Solution - Safety Power Strip [8536-28%]



OS13W13

Rating	Module	Description	Cat. Nos.	MRP (₹) Per Unit	Std Pkg
13A	10	Safety power strip with 1 switch 3 sockets ★	OS13W13	1465	5

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-@28%]



OH11W00



OH21W00



OH41W20



OH42W20
OH42W32



OH61W00



OH31W00

Module	Description	Cat. Nos.	MRP (₹) Per Unit	Std Pkg
1	DND + MMR indicator with LED	OH11W00	335	20
2	DND + MMR selector switch	OH21W00	476	10
4	Electronic key tag with built-in relay 20A	OH41W20	3432	5
3	Volume controller [8538-@18%]	OH31W00	484	10

Module	Description	Cat. Nos.	MRP (₹) Per Unit	Std Pkg
4	Mechanical key tag 20A**	OH42W20	482	4
4	Mechanical key tag 32A**	OH42W32	612	4
-	Key holder of mechanical key tag	OH40W00	86	20
6	Shaver socket** [8504-@28%]	OH61W00	3073	1

Note:

- Power consumption by foot light is only 1 watt

** Supplied with face and grid plate.

Ceiling Rose & Lamp Holder [8536-@28%]



OA20W00



OA03W01



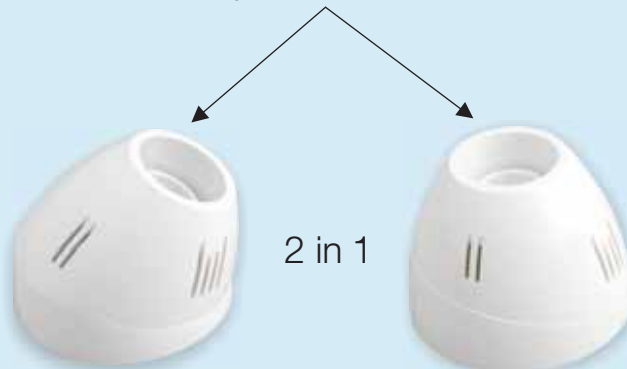
OA03W02



OA03W03

Description	Cat. Nos.	MRP (₹) Per Unit	Std Pkg
Jumbo ceiling rose	OA20W00	47	20
Lamp holder	OA03W01	77	60
Lamp holder- Angular	OA03W02	45	30
Lamp holder- Batten	OA03W03	43	40

Lamp Holder (OA03W01)



Angle Holder

Batten Holder

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-@28%]



OA04W13

With Resettable Features

Rating	Description	Cat. Nos.	MRP (₹) Per Unit	Std Pkg
10A	Spike guard	OA04W13	750	1
10A	Spike Guard With Twin Usb Charger	OA05W06	1280	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 ISI marking
- Warranty - 2 years

Plug Tops [8536-@28%]



OP02W06



OP01W06
OP01W16



OP03W06
OP03W16

Rating	Description	Cat. Nos.	MRP (₹) Per Unit	Std Pkg
6A	Plug top - 2 pin ISI	OP02W06	40	20
6A	Plug top - 3 pin ISI	OP01W06	68	40
6A	Plug top with indicator - 3 pin ISI	OP03W06	83	40
16A	Plug top - 3 pin ISI	OP01W16	105	30
16A	Plug top with indicator - 3 pin ISI	OP03W16	117	30
25A	Plug top - 3 pin	OP01W25	110	30

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 ISI marked Plug Tops conforms to IS 1293:2005

MOULDED CASE CIRCUIT BREAKERS

Moulded Case Circuit Breakers - DU100/DU125U MCCB [8536-@28%]

Features

- Range: 32A, 63A, 100A, 125A 3 pole
- Short-circuit-breaking capacity: 10kA
- Higher mechanical life
- Finger-proof terminals for safety
- Push to trip button for testing
- SS enclosure available

Description	Cat. Nos.	MRP (₹) Per Unit
32A, 3P DU100 MCCB	CM9775400000	1670
63A, 3P DU100 MCCB	CM9775700000	1670
100A, 3P DU100 MCCB	CM9892200000 ▲	1830
125A, 3P DU125U MCCB	CM90323000LY ▲	2660

▲ Spreader terminals are included.

Note: Phase barriers are included in above MCCB prices.

Standard pack quantity for MCCBs : 5 Nos., SS Enclosure / Direct Handle : 1 No.

Accessories [8538-@18%]

Description	Cat. Nos.	MRP (₹) Per Unit
SS enclosure	ST9805000000	795
Direct handle	SL9704400000	755



DU100: 32/63/100A
DU125U: 125A



SS Enclosure



Direct Handle

KEY FEATURES

Trippler®
Modular Devices



The Assurance of Absolute Safety.

Specially designed and developed for residential and commercial installations.



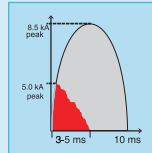
Absolute safety tripper modular devices spell world class

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.



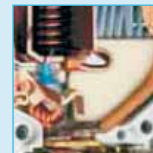
Large terminal size and dual termination

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 incomer 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-@28%]



Miniature Circuit Breakers (MCBs) - B Curve

Highlights

- UL 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	163	BA20060B	550
10A B-Curve	BA10100B	163	BA20100B	550
16A B-Curve	BA10160B	163	BA20160B	550
20A B-Curve	BA10200B	163	BA20200B	550
25A B-Curve	BA10250B	163	BA20250B	550
32A B-Curve	BA10320B	163	BA20320B	550
40A B-Curve	BA10400B	330	BA20400B	795

Miniature Circuit Breakers (MCBs) - C Curve



Single Pole



Double Pole



Three Pole



Four Pole

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	165	BA20060C	575	BA30060C	910	BA40060C	1230
10A C-Curve	BA10100C	165	BA20100C	575	BA30100C	910	BA40100C	1230
16A C-Curve	BA10160C	165	BA20160C	575	BA30160C	910	BA40160C	1230
20A C-Curve	BA10200C	165	BA20200C	575	BA30200C	910	BA40200C	1230
25A C-Curve	BA10250C	165	BA20250C	575	BA30250C	910	BA40250C	1230
32A C-Curve	BA10320C	165	BA20320C	575	BA30320C	910	BA40320C	1230
40A C-Curve	BA10400C	345	BA20400C	800	BA30400C	1265	BA40400C	1620
63A C-Curve	BA10630C	435	BA20630C	960	BA30630C	1420	BA40630C	1810

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

ISOLATORS [8536-@28%]



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	350	BE304000	625	BE404000	800
63A Isolator	BE206300	435	BE306300	695	BE406300	815
80A Isolator	BE208000	580	BE308000	830	BE408000	970
100A Isolator	BE210000	595	BE310000	840	BE410000	985

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

RESIDUAL CURRENT CIRCUIT BREAKERS / EARTH LEAKAGE CIRCUIT BREAKERS [8536-@28%]



RCCBs / ELCBs

Highlights

- 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	2060
2 Pole 25A 100mA	BC202510	2105
New 2 Pole 25A 300mA	BC202530	2105
2 Pole 40A 30mA	BC204003	2270
2 Pole 40A 100mA	BC204010	2285
New 2 Pole 40A 300mA	BC204030	2285
2 Pole 63A 30mA	BC206303	2875
2 Pole 63A 100mA	BC206310	2900
New 2 Pole 63A 300mA	BC206330	2900

Four Pole		
Description	Cat. Nos.	MRP (₹) Per Unit
4 Pole 25A 30mA	BC402503	2640
4 Pole 25A 100mA	BC402510	2675
New 4 Pole 25A 300mA	BC402530	2675
4 Pole 40A 30mA	BC404003	2685
4 Pole 40A 100mA	BC404010	2720
New 4 Pole 40A 300mA	BC404030	2720
4 Pole 63A 30mA	BC406303	3055
4 Pole 63A 100mA	BC406310	3100
New 4 Pole 63A 300mA	BC406330	3100

★ Standard Pack Quantity for RCCBs - 1 No.

EARTH LEAKAGE + MINIATURE CIRCUIT BREAKERS [8536-@28%]



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	2745	CB90003OOTO	CB90005OOTO	2850
10A 2P ELCB+MCB	CB90001OOVO	2745	CB90003OOVO	CB90005OOVO	2850
16A 2P ELCB+MCB	CB90001OOBO	2745	CB90003OOBO	CB90005OOBO	2850
20A 2P ELCB+MCB	CB90001OOCO	2745	CB90003OOCO	CB90005OOCO	2850
25A 2P ELCB+MCB	CB90001OODO	2745	CB90003OODO	CB90005OODO	2850
32A 2P ELCB+MCB	CB90001OOEO	3090	CB90003OOEO	CB90005OOEO	3030
40A 2P ELCB+MCB	CB90001OOFO	3090	CB90003OOFO	CB90005OOFO	3030
63A 2P ELCB+MCB	CB90001OOHO	3785	CB90003OOHO	CB90005OOHO	3620

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	3455	CB90004OOTO	CB90006OOTO	3265
10A 4P ELCB+MCB	CB90002OOVO	3455	CB90004OOVO	CB90006OOVO	3265
16A 4P ELCB+MCB	CB90002OOBO	3455	CB90004OOBO	CB90006OOBO	3265
20A 4P ELCB+MCB	CB90002OOCO	3455	CB90004OOCO	CB90006OOCO	3265
25A 4P ELCB+MCB	CB90002OODO	3455	CB90004OODO	CB90006OODO	3265
32A 4P ELCB+MCB	CB90002OOEO	3605	CB90004OOEO	CB90006OOEO	3455
40A 4P ELCB+MCB	CB90002OOFO	3605	CB90004OOFO	CB90006OOFO	3455
63A 4P ELCB+MCB	CB90002OOHO	4365	CB90004OOHO	CB90006OOHO	3990

* Standard Pack Quantity for EL+MCBs - 1 No.

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
- Flexible design - With site shiftable neutral bar, removal front plate for easy wiring
- DB is suitable for surface or flush mounting with IP30 and IP43 degree of protection

Single Phase Neutral (SPN) DBs [8537-@28%]



Single Door



Double Door

Description	Cat. Nos.	MRP (₹) Per Unit (Single Door)	Cat. Nos.	MRP (₹) Per Unit (Double Door)
4 MOD SPN DBs	BH104SDB	620	BH104DDB	1005
6 MOD SPN DBs	BH106SDB	680	BH106DDB	1125
8 MOD SPN DBs	BH108SDB	770	BH108DDB	1250
12 MOD SPN DBs	BH112SDB	1050	BH112DDB	1550
16 MOD SPN DBs	BH116SDB	1290	BH116DDB	1875

Three Phase Neutral (TPN) DBs [8537-@28%]



Single Door



Double Door

Description	Cat. Nos.	MRP (₹) Per Unit (Single Door)	Cat. Nos.	MRP (₹) Per Unit (Double Door)
8+4+4+4 TPN DBs	BH304SDB	1950	BH304DDB	2560
8+6+6+6 TPN DBs	BH306SDB	2405	BH306DDB	3095
8+8+8+8 TPN DBs	BH308SDB	2785	BH308DDB	3755
8+12+12+12 TPN DBs	BH312SDB	3855	BH312DDB	5200

Phase Selector DBs [8537-@28%]

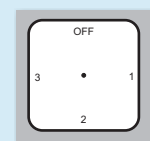


Phase Selector DBs

Description	Cat. Nos.	MRP (₹) Per Unit (Double Door)
8+4+4+4	BHC04DDB	8120
8+6+6+6	BHC06DDB	8655

TPN Phase Selector Double Door DBs with 6 MOD incomer provided with Salzer make 40A Selector Switches

Phase Selector Switch [8536-@28%]



Description	Cat. Nos.	MRP (₹) Per Unit
25 Amps, 1 Pole, 3 way with OFF	74000PEB03TDYR	463
32 Amps, 1 Pole, 3 way with OFF	74000PFB03TDYR	575
40 Amps, 1 Pole, 3 way with OFF	74000PGB03TDYR	829
63 Amps, 1 Pole, 3 way with OFF	74000PIB03TDYR	934

* Available in selected states only



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		IP43 Double Door	MRP (₹) Per Unit	IP43 Glazed Door	MRP (₹) Per Unit
	Incomer	Outgoing				
4 way (2+2)	2	2	PH104DDB	1060	PH104DDG	1315
6 way (2+4)	2	4	PH106DDB	1220	PH106DDG	1415
8 way (2+6)	2	6	PH108DDB	1330	PH108DDG	1550
12 way (2+10)	2	10	PH112DDB	1595	PH112DDG	1875
16 way (2+14)	2	14	PH116DDB	1980	PH116DDG	2315

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		IP43 Double Door	MRP (₹) Per Unit	IP43 Glazed Door	MRP (₹) Per Unit
	Incomer	Outgoing				
4 way	8	4+4+4	PH304DDB	2620	PH304DDG	3300
6 way	8	6+6+6	PH306DDB	3255	PH306DDG	4085
8 way	8	8+8+8	PH308DDB	3895	PH308DDG	4895
12 way	8	12+12+12	PH312DDB	5705	PH312DDG	7530

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			IP43 Double Door	MRP (₹) Per Unit
	Incomer	Sub-Incomer	Outgoing		
4 way	8	2+2+2	4+4+4	PHP304DDB	4015
6 way	8	2+2+2	6+6+6	PHP306DDB	4815
8 way	8	2+2+2	8+8+8	PHP308DDB	5695
12 way	8	2+2+2	12+12+12	PHP312DDB	7765

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			IP43 Double Door	MRP (₹) Per Unit
	Incomer	Sub-Incomer	Outgoing		
4 way	8	4+4+4	4+4+4	PHS304DDB	6455
6 way	8	4+4+4	6+6+6	PHS306DDB	7290
8 way	8	4+4+4	8+8+8	PHS308DDB	8135
12 way	8	4+4+4	12+12+12	PHS312DDB	10420

Phase selector DBs

- As per IS 8623
- Available in 4, 6, 8, 12 way
- Ready to use DBs - Provided with 63A Salzer 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		IP43 Double Door	MRP (₹) Per Unit
	Incomer	Outgoing		
4 way	8	4+4+4	PHC04DDB	9400
6 way	8	6+6+6	PHC06DDB	9620
8 way	8	8+8+8	PHC08DDB	10200
12 way	8	12+12+12	PHC12DDB	11455

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 MCBs as outgoing



Description	Modules		IP43 Double Door	MRP (₹) Per Unit
	Incomer	Outgoing		
4 way	8	4+4+4	PHV304DDB	6550
6 way	8	6+6+6	PHV306DDB	7845
8 way	8	8+8+8	PHV308DDB	8725
12 way	8	12+12+12	PHV312DDB	11555

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, 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 MCCB as incomer and SP/TP MCBs as outgoing
- * Suitable for 3 Pole MCCB as incomer upto 125A-DU100 & DU125U



Description	Modules		IP43 Double Door	MRP (₹) Per Unit
	Incomer	Outgoing		
4 way	MCCB	4+4+4	PHV304DDM	7520
6 way	MCCB	6+6+6	PHV306DDM	9000
8 way	MCCB	8+8+8	PHV308DDM	9565
12 way	MCCB	12+12+12	PHV312DDM	12195

Enclosures

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



Description	Modules	IP30 Single Door	MRP (₹) Per Unit
2 way	2	PHE02DB	330
3 way	3	PHE03DB	370
4 way	4	PHE04DB	370
6 way	6	PHE06DB	560

TRIPBOX PLUS [8537-@28%]

New

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	IP30 Single Door	MRP (₹) Per Unit
10A, 2 Pin+SC	1	PMP110DB	855
20A, 2 Pin+SC	1	PMP120DB	910
20A, 2 Pin+SC	2	PMP220DB	995
32A, 3 Pin+SC	3	PMP332DB	2365

METAL PLUG & SOCKET [8536-@28%]

- 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	135
20A, 2 PIN + SC^ METAL PLUG	MPS220P	20	145
20A, 3 PIN + SC^ METAL PLUG	MPS320P	20	190
32A, 3 PIN + SC^ METAL PLUG	MPS332P	20	360
10A, 2 PIN + SC^ METAL SOCKET	MPS210S	20	140
20A, 2 PIN + SC^ METAL SOCKET	MPS220S	20	160
20A, 3 PIN + SC^ METAL SOCKET	MPS320S	20	210
32A, 3 PIN + SC^ METAL SOCKET	MPS332S	20	360

^SC-Scraping Earth

PROTECT YOURSELF AGAINST ELECTRIC SHOCK!!!

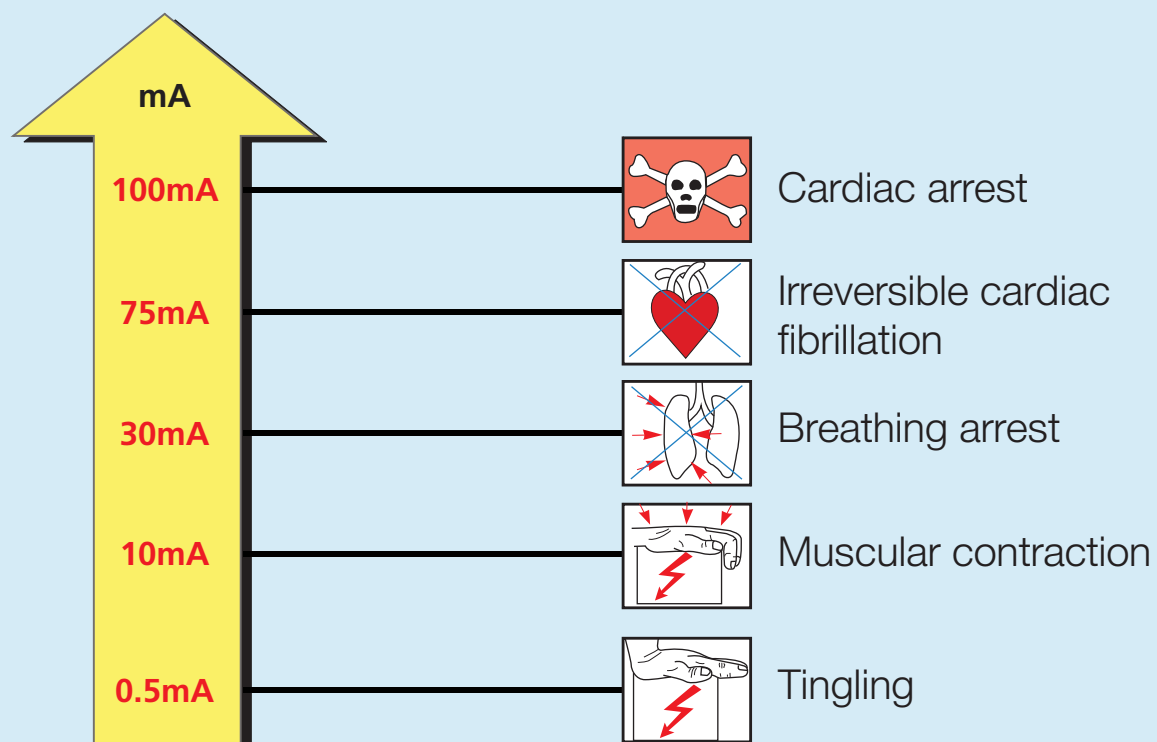
'Short-circuit' is a commonly used terminology to describe various electrical faults. Short-circuit is caused by 2 or 3 phases getting shorted or shorting between phase to neutral. During this phenomenon, the system experiences abnormally high flow of current which can damage the equipment/installations 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

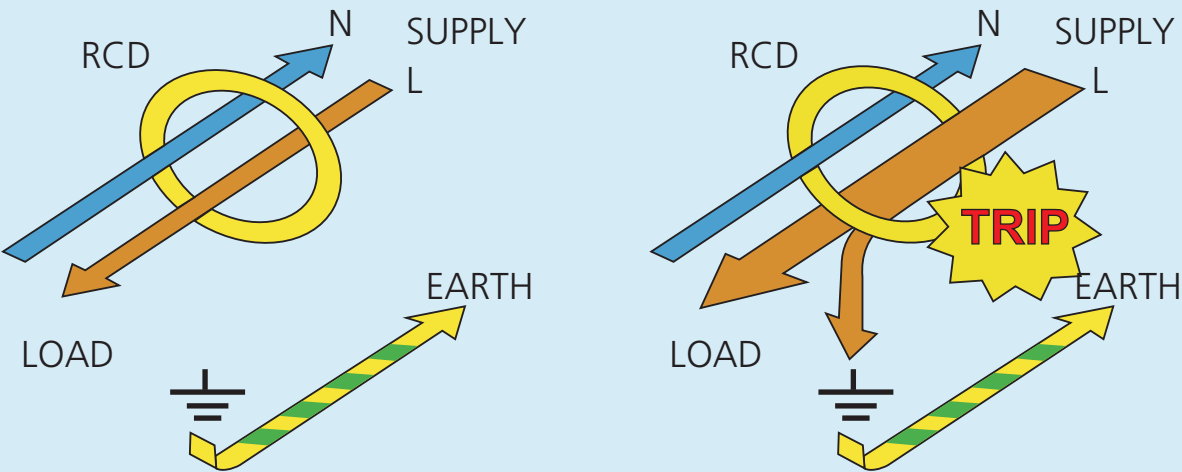
When current in excess of 30mA flows through human body, the person is in danger if this current is not interrupted in a relatively short time.

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 warrantied 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.

Trippler , 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.

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Product improvement is a continuous process. For the latest information and special applications, please contact any of our offices listed here.
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