
WITH EFFECT FROM 22ND FEBRUARY, 2024

Builders and Contractors Price List (₹)



Electrification products

ABB is a global leader in power and automation technologies that enable utility and industry customers to improve performance while lowering environmental impact.

ABB in India serves customers in process, manufacturing and consumer industries, utilities, the oil & gas sector and infrastructure markets through a wide manufacturing and marketing network. ABB offers a full range of low- and medium-voltage solutions to connect, protect, control and measure a wide range of electrical systems for all major industries, including the residential sector. The business improves the reliability and efficiency of electrical installations through modular substation packages, distribution automation products, switchgear, circuit breakers, measuring and sensing devices, control products, wiring accessories, and enclosures and cabling systems, including KNX systems designed to integrate and

automate a building's lighting, ventilation, heating and security and data communication networks.

ABB's product range serves the diverse needs of customers, offering value-for-money and high levels of quality and reliability. These products are backed by the technological expertise of ABB's centres of excellence across the globe, each of which excel in a specific range of low voltage products.

ABB's electrification products offering in India is designed, manufactured and tested in-house in conformance with requirements of the ISO 9000 series. These products conform to the latest IEC standards, EN specifications, national standards such as IS, BS, VDE, etc., in addition to the "CE" mark.

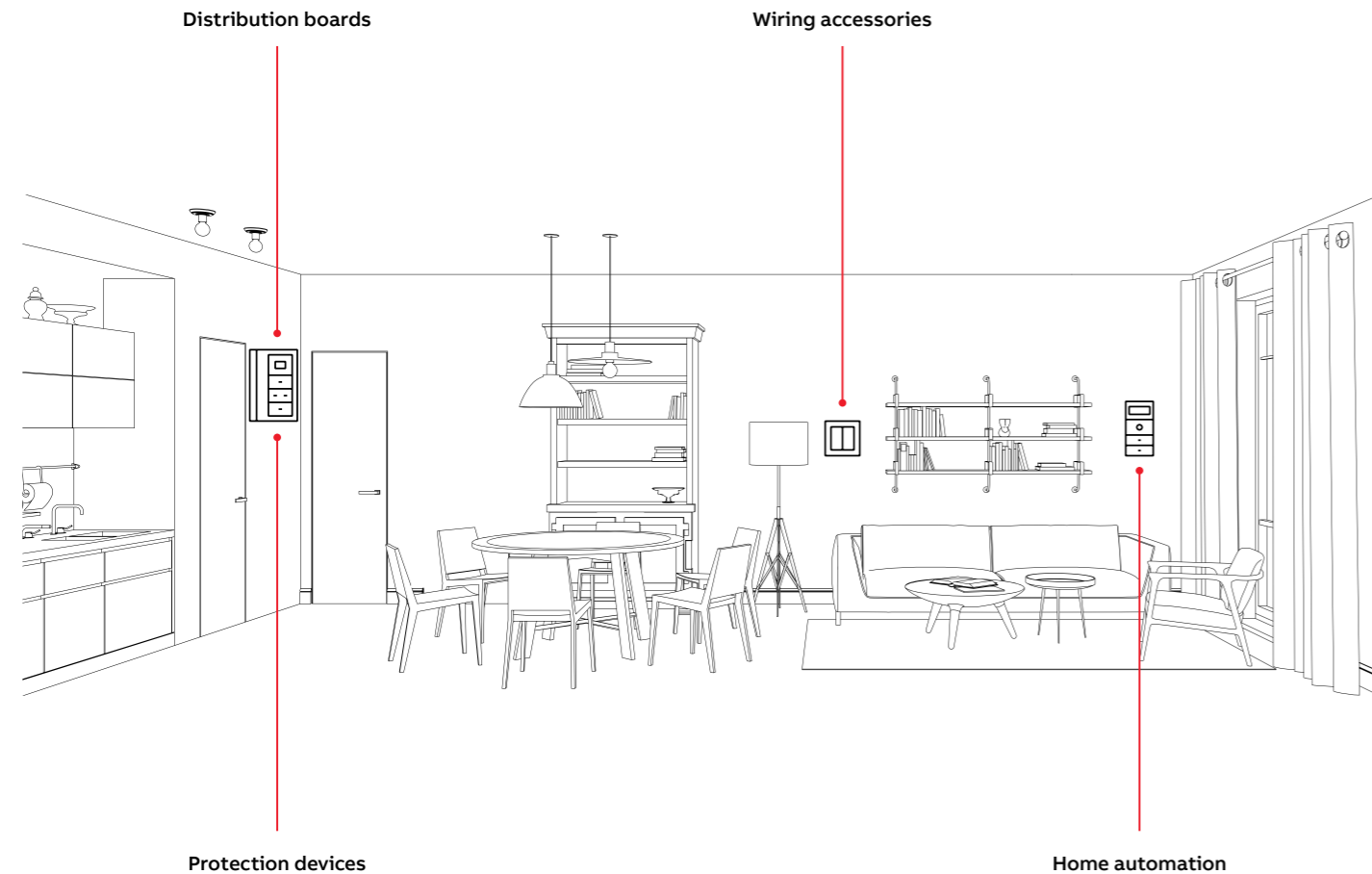


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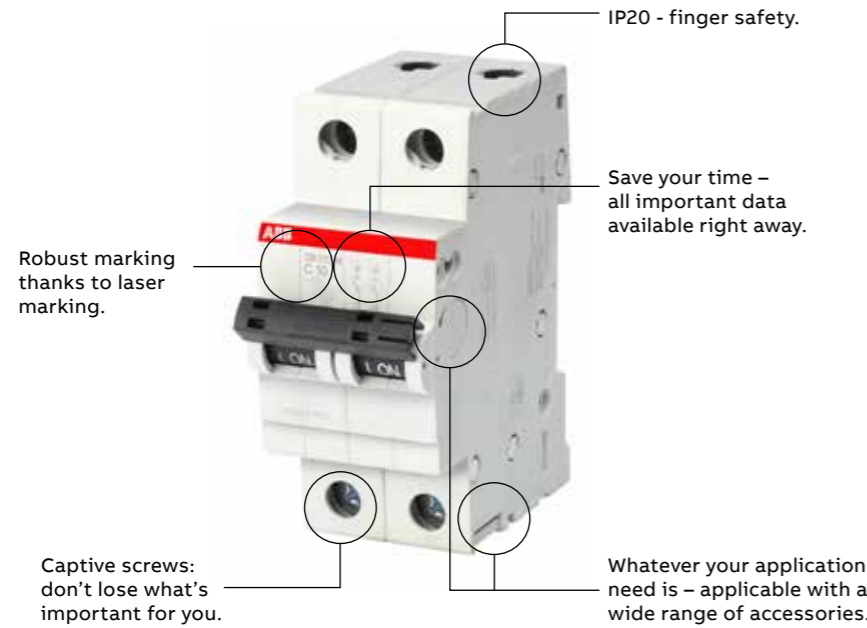
Electrification products

Building products

04–06	Miniature Circuit Breaker SB200 M and S200 80-100A
07	Miniature Circuit Breaker SH800 (80-125A)
08	Switch Disconnector SDB200 and E200, Change over switch
09	Residual Current Circuit Breaker FB200
10	Residual current circuit breaker with overcurrent protection: DS201M,DSB201M,DSB202M and DSB204M AC Type
11	RCBO: DSB201M series A Type, RCCB: F200 series and RCBO: DS200 series APR Type
12–14	System pro M: Accessories for MCB's: SB200M/S200M, RCCB's: FB200/F200, Switch Disconnector: SDB200/E200, RCBO DS200M, DSB201M, DSB202M and DSB204M, Auxiliary elements for MCB's S800 series
15	Surge Protection Devices - OVR, DBT Timer digital time switches
16–17	ABB Energy Efficiency Portfolio
18–19	M1 Single Function & M1M Multi Function Meters
20–23	ABB ITUS Distribution Boards
24	Elegance series Distribution Boards
25–27	Classic series Distribution Boards, Mistral IP 65 Enclosures
28–35	Millenium - Wiring accessories
36–43	Zenit - Wiring accessories
44–59	IVIE - Wiring accessories
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70–73	Busch-Presence detectors
74	Emergency lighting systems
75–79	Tmax power distribution circuit breakers
80	Tmax motor distribution circuit breakers
81	Tmax motor protection circuit breakers, Tmax switch disconnectors, Tmax accessories
82–84	Tmax accessories
85	Tmax conversion kit
86	FORMULA DSA Molded case circuit breaker
87–88	SACE FORMULA DSP P1-P4
89	OT manual changeover switches, OT motorized changeover switches
90	Compact ATS, OT automatic transfer switches, Accessories for changeovers (manual, motorized, ATS)
91	OFAF HRC fuse links and base, DIN-type, OFF HRC fuse links and base, BS-type
92	DOL and star delta starters
93	ESB and EN Installation contactors

Miniature Circuit Breaker SB200 M

The details make the difference



B characteristic

SB201 M B - 1P

Rated current In A	Order details		Standard pack	Unit MRP ₹
	Type code	Order code		
6	SB201 M-B6	1SYS271012R0065 ■	12	380
10	SB201 M-B10	1SYS271012R0105 ■	12	
16	SB201 M-B16	1SYS271012R0165 ■	12	
20	SB201 M-B20	1SYS271012R0205 ■	12	
25	SB201 M-B25	1SYS271012R0255 ■	12	
32	SB201 M-B32	1SYS271012R0325 ■	12	760
40	SB201 M-B40	1SYS271012R0405 ■	12	

SB201 M B NA - 1P+N

Rated current In A	Order details		Standard pack	Unit MRP ₹
	Type code	Order code		
6	SB201 M-B6 NA	1SYS271112R0065 ■	6	1,140
10	SB201 M-B10 NA	1SYS271112R0105 ■	6	
16	SB201 M-B16 NA	1SYS271112R0165 ■	6	
20	SB201 M-B20 NA	1SYS271112R0205 ■	6	
25	SB201 M-B25 NA	1SYS271112R0255 ■	6	
32	SB201 M-B32 NA	1SYS271112R0325 ■	6	1,860
40	SB201 M-B40 NA	1SYS271112R0405 ■	6	

SB202 M B - 2P

Rated current In A	Order details		Standard pack	Unit MRP ₹
	Type code	Order code		
6	SB202 M-B6	1SYS272012R0065 ■	6	1,130
10	SB202 M-B10	1SYS272012R0105 ■	6	
16	SB202 M-B16	1SYS272012R0165 ■	6	
20	SB202 M-B20	1SYS272012R0205 ■	6	
25	SB202 M-B25	1SYS272012R0255 ■	6	
32	SB202 M-B32	1SYS272012R0325 ■	6	1,810
40	SB202 M-B40	1SYS272012R0405 ■	6	

C characteristic

SB201 M C - 1P

Rated current In A	Order details		Standard pack	Unit MRP ₹
	Type code	Order code		
0.5	SB201 M-C0.5	1SYS271012R0984	12	640
1	SB201 M-C1	1SYS271012R0014	12	
1.6	SB201 M-C1.6	1SYS271012R0974	12	
2	SB201 M-C2	1SYS271012R0024	12	560
3	SB201 M-C3	1SYS271012R0034	12	
4	SB201 M-C4	1SYS271012R0044	12	
6	SB201 M-C6	1SYS271012R0064 ■	12	380
10	SB201 M-C10	1SYS271012R0104 ■	12	
16	SB201 M-C16	1SYS271012R0164 ■	12	
20	SB201 M-C20	1SYS271012R0204 ■	12	
25	SB201 M-C25	1SYS271012R0254 ■	12	
32	SB201 M-C32	1SYS271012R0324 ■	12	760
40	SB201 M-C40	1SYS271012R0404 ■	12	
50	SB201 M-C50	1SYS271012R0504 ■	12	
63	SB201 M-C63	1SYS271012R0634 ■	12	

SB201 M C NA 1P+N

Rated current In A	Order details		Standard pack	Unit MRP ₹
	Type code	Order code		
0.5	SB201 M-C0.5 NA	1SYS271112R0984	6	1,890
1	SB201 M-C1 NA	1SYS271112R0014	6	
1.6	SB201 M-C1.6 NA	1SYS271112R0974	6	
2	SB201 M-C2 NA	1SYS271112R0024	6	1,650
3	SB201 M-C3 NA	1SYS271112R0034	6	
4	SB201 M-C4 NA	1SYS271112R0044	6	
6	SB201 M-C6 NA	1SYS271112R0064 ■	6	1,140
10	SB201 M-C10 NA	1SYS271112R0104 ■	6	
16	SB201 M-C16 NA	1SYS271112R0164 ■	6	
20	SB201 M-C20 NA	1SYS271112R0204 ■	6	
25	SB201 M-C25 NA	1SYS271112R0254 ■	6	
32	SB201 M-C32 NA	1SYS271112R0324 ■	6	1,860
40	SB201 M-C40 NA	1SYS271112R0404 ■	6	
50	SB201 M-C50 NA	1SYS271112R0504 ■	6	
63	SB201 M-C63 NA	1SYS271112R0634 ■	6	

C characteristic

SB202 M C - 2P

Rated current In A	Order details		Standard pack	Unit MRP ₹
	Type code	Order code		
0.5	SB202 M-C0.5	1SYS272012R0984	6	1,750
1	SB202 M-C1	1SYS272012R0014	6	
1.6	SB202 M-C1.6	1SYS272012R0974	6	
2	SB202 M-C2	1SYS272012R0024	6	1,600
3	SB202 M-C3	1SYS272012R0034	6	
4	SB202 M-C4	1SYS272012R0044	6	
6	SB202 M-C6	1SYS272012R0064 ■	6	1,130
10	SB202 M-C10	1SYS272012R0104 ■	6	
16	SB202 M-C16	1SYS272012R0164 ■	6	
20	SB202 M-C20	1SYS272012R0204 ■	6	
25	SB202 M-C25	1SYS272012R0254 ■	6	
32	SB202 M-C32	1SYS272012R0324 ■	6	1,810
40	SB202 M-C40	1SYS272012R0404 ■	6	
50	SB202 M-C50	1SYS272012R0504 ■	6	
63	SB202 M-C63	1SYS272012R0634 ■	6	

SB203M C NA - 3P+N

Rated current In A	Order details		Standard pack	Unit MRP ₹
	Type code	Order code		
0.5	SB203 M-C0.5 NA	1SYS273112R0984	3	4,000
1	SB203 M-C1 NA	1SYS273112R0014	3	
1.6	SB203 M-C1.6 NA	1SYS273112R0974	3	
2	SB203 M-C2 NA	1SYS273112R0024	3	3,510
3	SB203 M-C3 NA	1SYS273112R0034	3	
4	SB203 M-C4 NA	1SYS273112R0044	3	
6	SB203 M-C6 NA	1SYS273112R0064 ■	3	2,530
10	SB203 M-C10 NA	1SYS273112R0104 ■	3	
16	SB203 M-C16 NA	1SYS273112R0164 ■	3	
20	SB203 M-C20 NA	1SYS273112R0204 ■	3	
25	SB203 M-C25 NA	1SYS273112R0254 ■	3	
32	SB203 M-C32 NA	1SYS273112R0324 ■	3	3,570
40	SB203 M-C40 NA	1SYS273112R0404 ■	3	
50	SB203 M-C50 NA	1SYS273112R0504 ■	3	
63	SB203 M-C63 NA	1SYS273112R0634 ■	3	

D characteristic

SB201 M D - 1P

Rated current In A	Order details		Standard pack	Unit MRP ₹
	Type code	Order code		
0.5	SB201 M-D0.5	1SYS271012R0981	12	740
1	SB201 M-D1	1SYS271012R0011	12	
1.6	SB201 M-D1.6	1SYS271012R0971	12	
2	SB201 M-D2	1SYS271012R0021	12	650
3	SB201 M-D3	1SYS271012R0031	12	
4	SB201 M-D4	1SYS271012R0041	12	
6	SB201 M-D6	1SYS271012R0061	12	530
10	SB201 M-D10	1SYS271012R0101	12	
16	SB201 M-D16	1SYS271012R0161	12	
20	SB201 M-D20	1SYS271012R0201	12	
25	SB201 M-D25	1SYS271012R0251	12	
32	SB201 M-D32	1SYS271012R0321	12	890
40	SB201 M-D40	1SYS271012R0401	12	
50	SB201 M-D50	1SYS271012R0501	12	
63	SB201 M-D63	1SYS271012R0631	12	

■ Stock items

SB203 M C - 3P

Rated current In A	Order details		Standard pack	Unit MRP ₹
	Type code	Order code		
0.5	SB203 M-C0.5	1SYS273012R0984	4	2,710
1	SB203 M-C1	1SYS273012R0014	4	
1.6	SB203 M-C1.6	1SYS273012R0974	4	
2	SB203 M-C2	1SYS273012R0024	4	2,470
3	SB203 M-C3	1SYS273012R0034	4	
4	SB203 M-C4	1SYS273012R0044	4	
6	SB203 M-C6	1SYS273012R0064 ■	4	1,860
10	SB203 M-C10	1SYS273012R0104 ■	4	
16	SB203 M-C16	1SYS273012R0164 ■	4	
20	SB203 M-C20	1SYS273012R0204 ■	4	
25	SB203 M-C25	1SYS273012R0254 ■	4	
32	SB203 M-C32	1SYS273012R0324 ■	4	2,840
40	SB203 M-C40	1SYS273012R0404 ■	4	
50	SB203 M-C50	1SYS273012R0504 ■	4	
63	SB203 M-C63	1SYS273012R0634 ■	4	

SB204 M C - 4P

Rated current In A	Order details		Standard pack	Unit MRP ₹
	Type code	Order code		
0.5	SB204 M-C0.5	1SYS274012R0984	3	3,790
1	SB204 M-C1	1SYS274012R0014	3	
1.6	SB204 M-C1.6	1SYS274012R0974	3	
2	SB204 M-C2	1SYS274012R0024	3	3,320
3	SB204 M-C3	1SYS274012R0034	3	
4	SB204 M-C4	1SYS274012R0044	3	
6	SB204 M-C6	1SYS274012R0064 ■	3	2,390
10	SB204 M-C10	1SYS274012R0104 ■	3	
16	SB204 M-C16	1SYS274012R0164 ■	3	
20	SB204 M-C20	1SYS274012R0204 ■	3	
25	SB204 M-C25	1SYS274012R0254 ■	3	
32	SB204 M-C32	1SYS274012R0324 ■	3	3,660
40	SB204 M-C40	1SYS274012R0404 ■	3	
50	SB204 M-C50	1SYS274012R0504 ■	3	
63	SB204 M-C63	1SYS274012R0634 ■	3	

SB202 M D - 2P

Rated current In A	Order details		Standard pack	Unit MRP ₹
	Type code	Order code		
0.5	SB202 M-D0.5	1SYS272012R0981	6	2,080
1	SB202 M-D1	1SYS272012R0011	6	
1.6	SB202 M-D1.6	1SYS272012R0971	6	
2	SB202 M-D2	1SYS272012R0021	6	1,820
3	SB202 M-D3	1SYS272012R0031	6	
4	SB202 M-D4	1SYS272012R0041	6	
6	SB202 M-D6	1SYS272012R0061	6	1,300
10	SB202 M-D10	1SYS272012R0101	6	
16	SB202 M-D16	1SYS272012R0161	6	
20	SB202 M-D20	1SYS272012R0201	6	
25	SB202 M-D25	1SYS272012R0251	6	
32	SB202 M-D32	1SYS272012R0321	6	2,140
40	SB202 M-D40	1SYS272012R0401	6	
50	SB202 M-D50	1SYS272012R0501	6	
63	SB202 M-D63	1SYS272012R0631	6	

Miniature Circuit Breaker SB200 M

Ordering data

SB203 M D - 3P

Rated current In A	Order details		Standard pack	Unit MRP ₹
	Type code	Order code		
0.5	SB203 M-D0.5	1SYS273012R0981	4	
1	SB203 M-D1	1SYS273012R0011	4	3,210
1.6	SB203 M-D1.6	1SYS273012R0971	4	
2	SB203 M-D2	1SYS273012R0021	4	
3	SB203 M-D3	1SYS273012R0031	4	2,810
4	SB203 M-D4	1SYS273012R0041	4	
6	SB203 M-D6	1SYS273012R0061	4	
10	SB203 M-D10	1SYS273012R0101	4	
16	SB203 M-D16	1SYS273012R0161	4	2,120
20	SB203 M-D20	1SYS273012R0201	4	
25	SB203 M-D25	1SYS273012R0251	4	
32	SB203 M-D32	1SYS273012R0321	4	
40	SB203 M-D40	1SYS273012R0401	4	
50	SB203 M-D50	1SYS273012R0501	4	3,350
63	SB203 M-D63	1SYS273012R0631	4	

SB204 M D - 4P

Rated current In A	Order details		Standard pack	Unit MRP ₹
	Type code	Order code		
0.5	SB204 M-D0.5	1SYS274012R0981	3	
1	SB204 M-D1	1SYS274012R0011	3	3,520
1.6	SB204 M-D1.6	1SYS274012R0971	3	
2	SB204 M-D2	1SYS274012R0021	3	
3	SB204 M-D3	1SYS274012R0031	3	3,700
4	SB204 M-D4	1SYS274012R0041	3	
6	SB204 M-D6	1SYS274012R0061	3	
10	SB204 M-D10	1SYS274012R0101	3	
16	SB204 M-D16	1SYS274012R0161	3	2,940
20	SB204 M-D20	1SYS274012R0201	3	
25	SB204 M-D25	1SYS274012R0251	3	
32	SB204 M-D32	1SYS274012R0321	3	
40	SB204 M-D40	1SYS274012R0401	3	
50	SB204 M-D50	1SYS274012R0501	3	3,870
63	SB204 M-D63	1SYS274012R0631	3	

MCB SB200 DC - C characteristic

SB201 DC C - 1P

Rated current In A	Order details		Standard pack	L.P.(₹)
	Type code	Order code		
1.6	SB201-C1.6DC	1SYS251067R0974	12	
2	SB201-C2DC	1SYS251067R0024	12	1,190
3	SB201-C3DC	1SYS251067R0034	12	
4	SB201-C4DC	1SYS251067R0044	12	
6	SB201-C6DC	1SYS251067R0064	12	
10	SB201-C10DC	1SYS251067R0104	12	
16	SB201-C16DC	1SYS251067R0164	12	970
20	SB201-C20DC	1SYS251067R0204	12	
25	SB201-C25DC	1SYS251067R0254	12	
32	SB201-C32DC	1SYS251067R0324	12	
40	SB201-C40DC	1SYS251067R0404	12	
50	SB201-C50DC	1SYS251067R0504	12	1,240
63	SB201-C63DC	1SYS251067R0634	12	

SB202 DC - 2P

Rated current In A	Order details		Standard pack	L.P.(₹)
	Type code	Order code		
1.6	SB202-C1.6DC	1SYS252067R0974	6	
2	SB202-C2DC	1SYS252067R0024	6	2,520
3	SB202-C3DC	1SYS252067R0034	6	
4	SB202-C4DC	1SYS252067R0044	6	
6	SB202-C6DC	1SYS252067R0064	6	
10	SB202-C10DC	1SYS252067R0104	6	
16	SB202-C16DC	1SYS252067R0164	6	2,040
20	SB202-C20DC	1SYS252067R0204	6	
25	SB202-C25DC	1SYS252067R0254	6	
32	SB202-C32DC	1SYS252067R0324	6	
40	SB202-C40DC	1SYS252067R0404	6	
50	SB202-C50DC	1SYS252067R0504	6	2,750
63	SB202-C63DC	1SYS252067R0634	6	

Miniature Circuit Breaker (MCB)

S200 series - 80, 100A

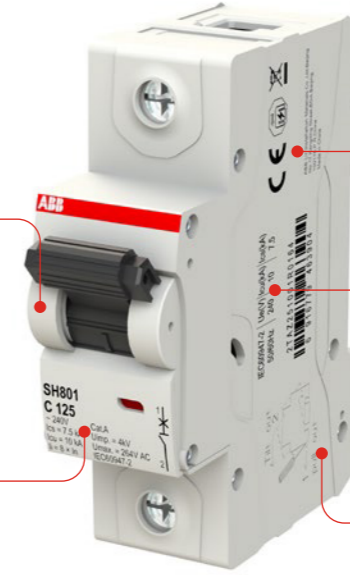
Description	Current rating (A)	Pack unit (Pc)	Ordering code	L.P.(₹)
Single pole				
S201-C80	80	1	2CDS251001R0804	3,720
S201-C100	100	1	2CDS251001R0824	4,350
Single pole & neutral				
S201-C80NA	80	1	2CDS251103R0804	7,780
S201-C100NA	100	1	2CDS251103R0824	9,280
Double pole				
S202-C80	80	1	2CDS252001R0804	7,290
S202-C100	100	1	2CDS252001R0824	8,420

Description	Current rating (A)	Pack unit (Pc)	Ordering code	L.P.(₹)
Triple pole				
S203-C80	80	1	2CDS253001R0804	10,620
S203-C100	100	1	2CDS253001R0824	12,830
Triple pole & neutral				
S203-C80NA	80	1	2CDS253103R0804	15,950
S203-C100NA	100	1	2CDS253103R0824	19,030
Four pole				
S204-C80	80	1	2CDS254001R0804	14,900
S204-C100	100	1	2CDS254001R0824	16,120

■ Stock items

Miniature Circuit Breaker SH800 (80-125A)

SH800 - 'C' Curve 10 kA as per IEC 60947-2



Modern design and easier to operate

Technical parameters available

World-wide usability with global certifications

Key features:

- High breaking capacity Icu=10 kA conform to IEC 60947-2
- Higher rated voltage (240 V/415 V), More adaptable applications and regions

Illustration for easy disassembly

SH800 - 'C' Curve 10 kA as per IEC 60947-2

Single pole / 1.5 module

Description	Current rating (A)	Pack unit (Pc)	Ordering code	L.P.(₹)
SH801-C80	80	1	2TAZ190100R0804	5,490
SH801-C100	100	1	2TAZ190100R0824	5,850
SH801-C125	125	1	2TAZ190100R0844	6,110

Double pole / 3 module

Description	Current rating (A)	Pack unit (Pc)	Ordering code	L.P.(₹)
SH802-C80	80	1	2TAZ190200R0804	11,740
SH802-C100	100	1	2TAZ190200R0824	12,550
SH802-C125	125	1	2TAZ190200R0844	14,330

Triple pole / 4.5 module

Description	Current rating (A)	Pack unit (Pc)	Ordering code	L.P.(₹)
SH803-C80	80	1	2TAZ190300R0804	18,530
SH803-C100	100	1	2TAZ190300R0824	19,740
SH803-C125	125	1	2TAZ190300R0844	21,690

Four pole / 6 module

Description	Current rating (A)	Pack unit (Pc)	Ordering code	L.P.(₹)
SH804-C80	80	1	2TAZ190400R0804	24,130
SH804-C100	100	1	2TAZ190400R0824	25,110
SH804-C125	125	1	2TAZ190400R0844	28,180

■ Stock items

SH800 - 'D' Curve 10 kA as per IEC 60947-2

Single pole / 1.5 module

Description	Current rating (A)	Pack unit (Pc)	Ordering code	L.P.(₹)
SH801-D80	80	1	2TAZ190100R0801	5,830
SH801-D100	100	1	2TAZ190100R0821	6,440
SH801-D125	125	1	2TAZ190100R0841	6,870

Double pole / 3 module

Description	Current rating (A)	Pack unit (Pc)	Ordering code	L.P.(₹)
SH802-D80	80	1	2TAZ190200R0801	12,920
SH802-D100	100	1	2TAZ190200R0821	13,800
SH802-D125	125	1	2TAZ190200R0841	15,000

Triple pole / 4.5 module

Description	Current rating (A)	Pack unit (Pc)	Ordering code	L.P.(₹)
SH803-D80	80	1	2TAZ190300R0801	20,390
SH803-D100	100	1	2TAZ190300R0821	21,710
SH803-D125	125	1	2TAZ190300R0841	23,870

Four pole / 6 module

Description	Current rating (A)	Pack unit (Pc)	Ordering code	L.P.(₹)
SH804-D80	80	1	2TAZ190400R0801	26,550
SH804-D100	100	1	2TAZ190400R0821	27,650
SH804-D125	125	1	2TAZ190400R0841	31,000

Switch Disconnecter SDB200 and E200

Double pole SDB202

Rated current In A	Order details		Standard pack	Unit L.P. ₹
	Type code	Order code		
40	SDB202/40	1SYD272115R0040 ■	6	880
63	SDB202/63	1SYD272115R0063 ■	6	1,140

Triple pole SDB203

Rated current In A	Order details		Standard pack	Unit MRP ₹
	Type code	Order code		
40	SDB203/40	1SYD273115R0040 ■	4	1,490
63	SDB203/63	1SYD273115R0063 ■	4	1,750

Four pole SDB204

Rated current In A	Order details		Standard pack	Unit MRP ₹
	Type code	Order code		
40	SDB204/40	1SYD274115R0040 ■	3	1,860
63	SDB204/63	1SYD274115R0063 ■	3	2,050

Note: Standard packing quantity for SDB switch Disconnecter: DP-6 Nos, TP-4 Nos, FP-3 Nos.

Double pole E202

Rated current In A	Order details		Standard pack	Unit L.P. ₹
	Type code	Order code		
80	E202/80r	2CDE282001R0080	1	1,460
100	E202/100r	2CDE282001R0100	1	2,290
125	E202/125r	2CDE282001R0125	1	2,370


Triple pole E203

Rated current In A	Order details		Standard pack	Unit L.P. ₹
	Type code	Order code		
80	E203/80r	2CDE283001R0080	1	2,450
100	E203/100r	2CDE283001R0100	1	2,680
125	E203/125r	2CDE283001R0125	1	2,990

Four pole E204

Rated current In A	Order details		Standard pack	Unit L.P. ₹
	Type code	Order code		
80	E204/80r	2CDE284001R0080	1	2,750
100	E204/100r	2CDE284001R0100	1	2,920
125	E204/125r	2CDE284001R0125	1	3,270

Residual Current Circuit Breaker FB200

AC  type



Change over switch

Description	Ordering code	L.P. (₹)
E213-16-002, double pole change over switch, 16 A (I-II)	2CCA703045R0001	3,330
E213-25-002, double pole change over switch, 25 A (I-II)	2CCA703046R0001	4,140
E214-16-202, group switch, 16 A (I-O-II)	2CCA703030R0001	3,740
E214-25-202, group switch, 25 A (I-O-II)	2CCA703031R0001	4,190

FB202 AC and F202 AC - 2P

Rated current In A	Order details		Std pack	Unit MRP ₹
	Type code	Order code		
25	FB202 AC-25/0.03	1SYF202015R1250 ■	1	4,160
25	FB202 AC-25/0.1	1SYF202015R2250 ■	1	4,370
25	FB202 AC-25/0.3	1SYF202015R3250	1	4,390
40	FB202 AC-40/0.03	1SYF202015R1400 ■	1	4,780
40	FB202 AC-40/0.1	1SYF202015R2400 ■	1	5,000
40	FB202 AC-40/0.3	1SYF202015R3400	1	5,150
63	FB202 AC-63/0.03	1SYF202015R1630 ■	1	5,640
63	FB202 AC-63/0.1	1SYF202015R2630 ■	1	5,830
63	FB202 AC-63/0.3	1SYF202015R3630	1	5,940

FB204 AC and F204 AC - 4P

Rated current In A	Order details		Std pack	Unit MRP ₹
	Type code	Order code		
25	FB204 AC-25/0.03	1SYF204015R1250	1	5,530
25	FB204 AC-25/0.1	1SYF204015R2250	1	5,790
25	FB204 AC-25/0.3	1SYF204015R3250	1	6,010
40	FB204 AC-40/0.03	1SYF204015R1400 ■	1	5,640
40	FB204 AC-40/0.1	1SYF204015R2400 ■	1	5,680
40	FB204 AC-40/0.3	1SYF204015R3400 ■	1	6,060
63	FB204 AC-63/0.03	1SYF204015R1630 ■	1	6,410
63	FB204 AC-63/0.1	1SYF204015R2630 ■	1	6,860
63	FB204 AC-63/0.3	1SYF204015R3630 ■	1	6,920

Rated current In A	Order details		Std pack	Unit L.P. ₹
	Type code	Order code		
80	F202 AC-80/0.03	2CSF202005R1800	1	14,680
80	F202 AC-80/0.1	2CSF202005R2800	1	14,540
80	F202 AC-80/0.3	2CSF202005R3800	1	
100	F202 AC-100/0.03	2CSF202005R1900	1	13,150
100	F202 AC-100/0.1	2CSF202005R2900	1	13,760
100	F202 AC-100/0.3	2CSF202005R3900	1	14,910

Rated current In A	Order details		Std pack	Unit L.P. ₹
	Type code	Order code		
80	F204 AC-80/0.03	2CSF204005R1800	1	15,560
80	F204 AC-80/0.1	2CSF204005R2800	1	16,260
80	F204 AC-80/0.3	2CSF204005R3800	1	16,430
100	F204 AC-100/0.03	2CSF204005R1900	1	15,810
100	F204 AC-100/0.1	2CSF204005R2900	1	17,600
100	F204 AC-100/0.3	2CSF204005R3900	1	17,170

Residual current circuit breaker with overcurrent protection

RCBO - DS201M, DSB201M series (S marked) AC Type

RCBO 10kA AC Type - DS200M / 1P + N, 2 module

Description	Current rating (A)	Residual rated current (mA)	Pack unit (Pc)	Ordering code	L.P. (₹)
DS201 M C6 AC30	6	30	1	2CSR275080R1064	
DS201 M C10 AC30	10	30	1	2CSR275080R1104	
DS201 M C16 AC30	16	30	1	2CSR275080R1164	6,050
DS201 M C20 AC30	20	30	1	2CSR275080R1204	
DS201 M C25 AC30	25	30	1	2CSR275080R1254	
DS201 M C32 AC30	32	30	1	2CSR275080R1324	6,560
DS201 M C40 AC30	40	30	1	2CSR275080R1404	7,790
DS201 M C6 AC100	6	100	1	2CSR275080R2064	
DS201 M C10 AC100	10	100	1	2CSR275080R2104	
DS201 M C16 AC100	16	100	1	2CSR275080R2164	6,800
DS201 M C20 AC100	20	100	1	2CSR275080R2204	
DS201 M C25 AC100	25	100	1	2CSR275080R2254	
DS201 M C32 AC100	32	100	1	2CSR275080R2324	7,040
DS201 M C40 AC100	40	100	1	2CSR275080R2404	8,240
DS201 M C6 AC300	6	300	1	2CSR275080R3064	
DS201 M C10 AC300	10	300	1	2CSR275080R3104	
DS201 M C16 AC300	16	300	1	2CSR275080R3164	6,560
DS201 M C20 AC300	20	300	1	2CSR275080R3204	
DS201 M C25 AC300	25	300	1	2CSR275080R3254	
DS201 M C32 AC300	32	300	1	2CSR275080R3324	6,800
DS201 M C40 AC300	40	300	1	2CSR275080R3404	8,020

RCBO 10kA AC Type - DSB201M / 1P + N, 2 module

Description	Current rating (A)	Residual rated current (mA)	Pack unit (Pc)	Ordering code	L.P. (₹)
DSB201 M C6 AC30	6	30	1	2CSR275075R1064	
DSB201 M C10 AC30	10	30	1	2CSR275075R1104	
DSB201 M C16 AC30	16	30	1	2CSR275075R1164	6,050
DSB201 M C20 AC30	20	30	1	2CSR275075R1204	
DSB201 M C25 AC30	25	30	1	2CSR275075R1254	
DSB201 M C32 AC30	32	30	1	2CSR275075R1324	6,560
DSB201 M C40 AC30	40	30	1	2CSR275075R1404	7,790
DSB201 M C6 AC100	6	100	1	2CSR275075R2064	
DSB201 M C10 AC100	10	100	1	2CSR275075R2104	
DSB201 M C16 AC100	16	100	1	2CSR275075R2164	6,800
DSB201 M C20 AC100	20	100	1	2CSR275075R2204	
DSB201 M C25 AC100	25	100	1	2CSR275075R2254	
DSB201 M C32 AC100	32	100	1	2CSR275075R2324	7,040
DSB201 M C40 AC100	40	100	1	2CSR275075R2404	8,240
DSB201 M C6 AC300	6	300	1	2CSR275075R3064	
DSB201 M C10 AC300	10	300	1	2CSR275075R3104	
DSB201 M C16 AC300	16	300	1	2CSR275075R3164	6,560
DSB201 M C20 AC300	20	300	1	2CSR275075R3204	
DSB201 M C25 AC300	25	300	1	2CSR275075R3254	
DSB201 M C32 AC300	32	300	1	2CSR275075R3324	6,800
DSB201 M C40 AC300	40	300	1	2CSR275075R3404	8,020

Residual current circuit breaker with overcurrent protection

Factory Fitted RCBO DSB202M and DSB204M AC Type

DSB202M 10kA AC Type Double Pole / 4 module

Description	Current rating (A)	Residual rated current (mA)	Pack unit (Pc)	Ordering code	L.P. (₹)
DSB202M AC-C25/0.03	25	30	1	2CSR272027R1254	5,030
DSB202M AC-C25/0.1	25	100	1	2CSR272027R2254	6,260
DSB202M AC-C25/0.3	25	300	1	2CSR272027R3254	6,360
DSB202M AC-C40/0.03	40	30	1	2CSR272027R1404	6,270
DSB202M AC-C40/0.1	40	100	1	2CSR272027R2404	6,920
DSB202M AC-C40/0.3	40	300	1	2CSR272027R3404	7,120
DSB202M AC-C63/0.03	63	30	1	2CSR272027R1634	7,490
DSB202M AC-C63/0.1	63	100	1	2CSR272027R2634	8,010
DSB202M AC-C63/0.3	63	300	1	2CSR272027R3634	8,160

DSB204M 10kA AC Type Four Pole / 8 module

Description	Current rating (A)	Residual rated current (mA)	Pack unit (Pc)	Ordering code	L.P. (₹)
DSB204M AC-C25/0.03	25	30	1	2CSR274027R1254	6,780
DSB204M AC-C25/0.1	25	100	1	2CSR274027R2254	7,640
DSB204M AC-C25/0.3	25	300	1	2CSR274027R3254	7,880
DSB204M AC-C40/0.03	40	30	1	2CSR274027R1404	7,100
DSB204M AC-C40/0.1	40	100	1	2CSR274027R2404	7,610
DSB204M AC-C40/0.3	40	300	1	2CSR274027R3404	7,770
DSB204M AC-C63/0.03	63	30	1	2CSR274027R1634	8,400
DSB204M AC-C63/0.1	63	100	1	2CSR274027R2634	8,660
DSB204M AC-C63/0.3	63	300	1	2CSR274027R3634	8,790



DSB204M S

Residual current circuit breaker with overcurrent protection

RCBO - DSB201M series A Type (S marked)



DSB201M 1P+N

RCBO 10kA A Type - DSB201M / 1P + N, 2 module

Description	Current rating (A)	Residual rated current (mA)	Pack unit (Pc)	Ordering code	L.P. (₹)
DSB201M A-C6/0.03	6	30	1	2CSR275475R1064	
DSB201M A-C10/0.03	10	30	1	2CSR275475R1104	
DSB201M A-C16/0.03	16	30	1	2CSR275475R1164	8,860
DSB201M A-C20/0.03	20	30	1	2CSR275475R1204	
DSB201M A-C25/0.03	25	30	1	2CSR275475R1254	
DSB201M A-C32/0.03	32	30	1	2CSR275475R1324	9,170
DSB201M A-C40/0.03	40	30	1	2CSR275475R1404	9,360
DSB201M A-C6/0.1	6	100	1	2CSR275475R2064	
DSB201M A-C10/0.1	10	100	1	2CSR275475R2104	
DSB201M A-C16/0.1	16	100	1	2CSR275475R2164	11,190
DSB201M A-C20/0.1	20	100	1	2CSR275475R2204	
DSB201M A-C25/0.1	25	100	1	2CSR275475R2254	
DSB201M A-C32/0.1	32	100	1	2CSR275475R2324	12,630
DSB201M A-C40/0.1	40	100	1	2CSR275475R2404	12,880
DSB201M A-C6/0.3	6	300	1	2CSR275475R3064	
DSB201M A-C10/0.3	10	300	1	2CSR275475R3104	
DSB201M A-C16/0.3	16	300	1	2CSR275475R3164	10,970
DSB201M A-C20/0.3	20	300	1	2CSR275475R3204	
DSB201M A-C25/0.3	25	300	1	2CSR275475R3254	
DSB201M A-C32/0.3	32	300	1	2CSR275475R3324	12,390
DSB201M A-C40/0.3	40	300	1	2CSR275475R3404	12,630

RCCB - F200 series

AP-R (high immunity)

RCCB - F200 series

Description	Current rating (A)	Residual rated current (mA)	Packing	Ordering code	L.P. (₹)
Two pole					
F202 A-25/0.03 AP-R	25	30	1	2CSF202401R1250	9,140
F202 A-40/0.03 AP-R	40	30	1	2CSF202401R1400	9,620
F202 A-63/0.03 AP-R	63	30	1	2CSF202401R1630	11,610
F202 A-80/0.03 AP-R	80	30	1	2CSF202401R1800	16,100
F202 A-100/0.03 AP-R	100	30	1	2CSF202401R1900	18,020
Four pole					
F204 A-25/0.03 AP-R	25	30	1	2CSF204401R1250	11,240
F204 A-40/0.03 AP-R	40	30	1	2CSF204401R1400	11,550
F204 A-63/0.03 AP-R	63	30	1	2CSF204401R1630	13,110
F204 A-80/0.03 AP-R	80	30	1	2CSF204401R1800	19,680
F204 A-100/0.03 AP-R	100	30	1	2CSF204401R1900	21,680

RCBO - DS200 series

AP-R (high immunity)

RCBO - DS200 series APR type / 1P + N, 2 module

Description	Current rating (A)	Residual rated current (mA)	Packing	Ordering code	L.P. (₹)
DS201 M C6 APR30	6	30	1	2CSR275480R1064	
DS201 M C10 APR30	10	30	1	2CSR275480R1104	
DS201 M C16 APR30	16	30	1	2CSR275480R1164	10,430
DS201 M C20 APR30	20	30	1	2CSR275480R1204	
DS201 M C25 APR30	25	30	1	2CSR275480R1254	
DS201 M C32 APR30	32	30	1	2CSR275480R1324	10,780
DS201 M C40 APR30	40	30	1	2CSR275480R1404	11,000
DS201 M C6 APR100	6	100	1	2CSR275480R2064	
DS201 M C10 APR100	10	100	1	2CSR275480R2104	
DS201 M C16 APR100	16	100	1	2CSR275480R2164	13,170
DS201 M C20 APR100	20	100	1	2CSR275480R2204	
DS201 M C25 APR100	25	100	1	2CSR275480R2254	
DS201 M C32 APR100	32	100	1	2CSR275480R2324	14,860
DS201 M C40 APR100	40	100	1	2CSR275480R2404	15,160
DS201 M C6 APR300	6	300	1	2CSR275480R3064	
DS201 M C10 APR300	10	300	1	2CSR275480R3104	
DS201 M C16 APR300	16	300	1	2CSR275480R3164	12,900
DS201 M C20 APR300	20	300	1	2CSR275480R3204	
DS201 M C25 APR300	25	300	1	2CSR275480R3254	
DS201 M C32 APR300	32	300	1	2CSR275480R3324	14,570
DS201 M C40 APR300	40	300	1	2CSR275480R3404	14,860

System pro M

Accessories for MCB's-SB200M/S200M, RCCB's - FB200/F200, Switch Disconnecter-SDB200/E200, RCBO DS200M, DSB201M, DSB202M and DSB204M



SA 1

Locking device for MCBs and switches

Prevents unauthorised or dangerous operation of the operating lever. An adaptor makes it possible to block the operating lever whether switched ON or OFF. The lever is blocked with a padlock having a cross bar section of 3 or, as the case may be, 6 mm max. For multipole devices, one lock may be fitted per pole.

The lock adaptor can be used for all MCBs of the SB200M, SB200 DC, switch disconnector SDB200, RCBO DS201M, DSB201M and E200.



SA 2

Description	Order details		Standard pack	L.P. ₹
	Type code	Order code		
Locking Device 3mm	SA 1	GJF1101903R0001	10	750
Lock Adaptor 6mm	SA 1E	GJF1101903R0004	10	740
Padlock with 2 keys	SA 2	GJF1101903R0002	10	2,390
Padlock, identical locking with 2 keys	SA 2 i	GJF1109999R0001	10	1,820
Lock adapto incl. padlock with 3 keys in transparent box	SA 3	GJF1101903R0003	10	2,270

Auxiliary elements for

MCB's SB200M/SB200 DC/S200M, switch disconnector SDB200, RCCB-FB200/F200, RCBO-DS201M and DSB201M

Signal/auxiliary contacts: Signal contacts indicate if a device trips due to a failure (overcurrent/short-circuit for MCBs and RCBOs; earth fault for RCCBs and RCBOs). Auxiliary contacts indicate the position of the contacts, independent if a failure occurred or the device was operated manually.

S2C-S/H6R: Choice through a selector between signal and auxiliary contact.

S2C-H6R and S2C-HxxR: Auxiliary contacts with contact configuration according to the following table. All right-side mounted contacts are suitable for MCBs, RCDs, switch disconnectors SDB200 according to the "Selection tables" which are displayed at the beginning of chapter 4.

Description	Bbn 4016779 EAN	Order details		Standard pack	L.P. ₹
		Type code	Order code		
Signal contact/ auxiliary switch 1CO	563819	S2C-S/H6R	2CDS200922R0001 ■	1	2,140
Auxiliary contact 1CO	563826	S2C-H6R	2CDS200912R0001 ■	1	1,190
Auxiliary contact 1NO/1NC	697941	S2C-H6-11R	2CDS200946R0001 ■	1	1,220
Auxiliary contact 2NO	697958	S2C-H6-20R	2CDS200946R0002	1	1,230
Auxiliary contact 2NC	697965	S2C-H6-02R	2CDS200946R0003	1	

S2C-HxxL: Auxiliary contacts with contact configuration according to the following table. These contacts are left-side mounted and fit to SB200 MCBs and switch disconnectors SDB200 according to the "Selection tables". Especially when using a motor operating device this is a possibility to add a contact as the right side mounted ones do not fit within this combination.

Auxiliary contacts mounting on the left side

Description	Bbn 4016779 EAN	Order details		Standard pack	L.P. ₹
		Type code	Order code		
Auxiliary contact 1 NO/1NC	648820	S2C-H11L	2CDS200936R0001	1	1,380
Auxiliary contact 2 NO	648837	S2C-H20L	2CDS200936R0002	1	1,350
Auxiliary contact 2 NC	648844	S2C-H02L	2CDS200936R0003	1	



S2C-S/H6R



S2C-H6-...

Auxiliary elements for

MCB's SB200M, SB200M DC, switch disconnector SDB200/E200

Shunt trips: Function: remote opening of the device when a voltage is applied. Suitable for MCBs SB200 series, SDB200 switch disconnectors series.

Shunt trips use a coil like MCBs for tripping. To trip a shunt, it is necessary to choose the right voltage and make sure the corresponding I_{bmax} (as mentioned in the table above) is provided by the power supply used. If the power supply can provide higher currents the shunt trip will reduce the current to I_{bmax} due to its internal resistance.

As soon as the shunt trips, the contact inside is open – the electrical circuit is disconnected even if the shunt trip is still powered on. The free-tripping mechanism of the shunt trip allows a restart of the MCB only after the shunt trip gets no external release signal anymore.



S2C-A

Auxiliary contacts mounting on the left side

Rated voltage	Bbn 4016779 EAN	Order details		Standard pack	L.P. ₹
		Type code	Order code		
AC/DC 12...60 V	570992	S2C-A1	2CDS200909R0001 ■	1	5,330
AC 110...415 V/DC110...250 V	571005	S2C-A2	2CDS200909R0002 ■	1	

Auxiliary elements for

RCCBs FB200, F200, RCBOs DS201M and DSB201M

Shunt trips: Function: remote opening of the device when a voltage is applied. Suitable for RCCBs FB200, F200 series, RCBOs DS201M and DSB201M

Auxiliary contacts mounting on the left side

Rated voltage	Bbn 8012542 EAN	Order details		Standard pack	L.P. ₹
		Type code	Order code		
AC/DC 12...60V	974901	F2C-A1	2CSS200933R0011	1	6,500
AC 110...415V / DC 110...250V	975007	F2C-A2	2CSS200933R0012	1	



F2C-A

Auxiliary elements for

MCB's SB200M, SB200 DC, switch disconnector SDB200/E200, RCCB FB200, F200, RCBO DS201M and DSB201M

Undervoltage releases: Function: protection of the load in the event of a voltage drop (between 70% and 35% of its rated value); positive safety (devices tripping when the voltage is disconnected) emergency stop by means of a button. Suitable for MCBs SB200 series, RCCBs FB200 series and RCBOs DS201M, DSB201M, SDB200 switch disconnectors series.

Rated voltage	Bbn 8012542 EAN	Order details		Standard pack	L.P. ₹
		Type code	Order code		
12V DC	839705	S2C-UA 12 DC	2CSS200911R0001	1	6,850
24V AC	839804	S2C-UA 24 AC	2CSS200911R0002	1	
24V DC	896401	S2C-UA 24 DC	2CSS200911R0007	1	
48V AC	839903	S2C-UA 48 AC	2CSS200911R0003	1	
48V DC	896500	S2C-UA 48 DC	2CSS200911R0008	1	
110V AC	840008	S2C-UA 110 AC	2CSS200911R0004 ■	1	
110V DC	896609	S2C-UA 110 DC	2CSS200911R0009	1	
230V AC	840107	S2C-UA 230 AC	2CSS200911R0005 ■	1	
230V DC	896708	S2C-UA 230 DC	2CSS200911R0010	1	
400V AC	840206	S2C-UA 400 AC	2CSS200911R0006	1	



S2C-UA

Auxiliary elements for

MCB's SB200M, SB200 DC, switch disconnecter SDB200/E200, RCCB FB200, F200, RCBO DS201M and DSB201M



S2C-OVP1

Overvoltage release: Function: monitoring voltage between the neutral and phase; when an overvoltage reaches the threshold value, the OVP device causes the tripping of the associated MCB or RCCB. Suitable for MCBs of the SB200 series up to 63 A, and RCCBs of the FB200 series up to 100 A and RCBOs DS201M, DSB201M Suitable for SDB200 switch disconnectors series.

Description	Bbn 8012542	Order details			L.P. ₹
	EAN	Type code	Order code	Standard pack	
Overvoltage release (max. tripping voltage AC: 275V)	748137	S2C-OVP1	2CSS200910R0005	1/5	8,160
Overvoltage release (max. tripping voltage AC: 290V)	952039	S2C-OVP2	2CSS200993R0005	1/5	

Hand operated neutral

The hand operated neutral has to be mounted to the left side of the MCB and be snapped onto the DIN rail. It is used for measuring duties where the neutral conductor must be in the open position. Due to the special design of the handle - when switching ON the MCB - the neutral will make before the MCB is closed. Suitable for SDB200 switch disconnecter series. The S2C - Nt is not to switch with a tool (screwdriver).



S2C-Nt

Description	Bbn 4016779	Order details			L.P. ₹
	EAN	Type code	Order code	Standard pack	
Max 40A	647625	S2C-Nt	2CDS200918R0001	1	1,230

Auxiliary elements for

MCB's S800 series



S800-AUX

Auxiliary contact

Description	Order details	Packing	Ordering code	L.P. (₹)
Auxiliary contact	S800-AUX	1	2CCS800900R0011 ■	4,180



S800-AUX/ALT

Combined auxiliary and signal contact

Description	Order details	Packing	Ordering Code	L.P. (₹)
Auxiliary/signal contact	S800-AUX/ALT	1	2CCS800900R0021	4,990

Surge protection devices- The new OVR QuickSafe®



OVR Type 1

OVR Type 2

T1 + T2 SPD's Three pole + Neutral

Description	No. of modules	Ordering code	L.P. (₹)
OVR T1-T2 3N 12.5-275s P QS	4	2CTB815710R1900 ■	31,570
OVR T1-T2 3N 12.5-275s P TS QS	4	2CTB815710R0700	36,320
OVR T1-T2 3N 12.5-440s P QS	4	2CTB815710R4800	37,890
OVR T1-T2 3N 12.5-440s P TS QS	4	2CTB815710R3600	43,560

T2 SPD's Single pole

Description	No. of Modules	Ordering code	L.P. (₹)
OVR T2 40-275 P QS	1	2CTB803871R2300 ■	5,340
OVR T2 40-275s P QS	1	2CTB815704R1200	7,920
OVR T2 40-275 P TS QS	1	2CTB803871R1700	6,810
OVR T2 40-440 P QS	1	2CTB803871R1200	5,450
OVR T2 40-440s P QS	1	2CTB815704R4100	7,520
OVR T2 80-275s P QS	1	2CTB815708R1200	8,170
OVR T2 80-275s P TS QS	1	2CTB815708R0000	10,070
OVR T2 80-440s P QS	1	2CTB815708R4100	7,400
OVR T2 80-440s P TS QS	1	2CTB815708R2900	9,270

Surge protection devices (OVR)

T2 SPD's Single pole + neutral

Description	No. of Modules	Ordering code	L.P. (₹)
OVR T2 1N 40-275 P QS	2	2CTB803972R1100 ■	11,370
OVR T2 1N 40-275s P QS	2	2CTB815704R1400	14,340
OVR T2 1N 40-275 P TS QS	2	2CTB803972R0500	12,920
OVR T2 1N 40-275s P TS QS	2	2CTB815704R0200	15,700
OVR T2 1N 40-350 P QS	2	2CTB803982R1100	12,290
OVR T2 1N 40-350 P TS QS	2	2CTB803982R0500	13,950
OVR T2 1N 80-275s P QS	2	2CTB815708R1400	15,110
OVR T2 1N 80-275s P TS QS	2	2CTB815708R0200	16,670

T2 SPD's Three pole + Neutral

Description	No. of modules	Ordering code	L.P. (₹)
OVR T2 3N 40-275 P QS	4	2CTB803973R1100 ■	19,450
OVR T2 3N 40-275s P QS	4	2CTB815704R2000	27,710
OVR T2 3N 40-275 P TS QS	4	2CTB803973R0500	24,750
OVR T2 3N 40-275s P TS QS	4	2CTB815704R0800	32,480
OVR T2 3N 40-350 P QS	4	2CTB803983R1100	21,010
OVR T2 3N 40-350 P TS QS	4	2CTB803983R0500	31,520
OVR T2 3N 40-440 P QS	4	2CTB803973R1400	20,020
OVR T2 3N 40-440 P TS QS	4	2CTB803973R1500	25,060
OVR T2 3N 40-440s P TS QS	4	2CTB815704R3700	58,460
OVR T2 3N 80-275s P QS	4	2CTB815708R2000	28,970
OVR T2 3N 80-275s P TS QS	4	2CTB815708R0800	34,510
OVR T2 3N 80-440s P QS	4	2CTB815708R4900	25,270
OVR T2 3N 80-440s P TS QS	4	2CTB815708R3700	30,520

DBT Timer digital time switches

An ideal range for automating the functions of the installation

Digital weekly time switch - DW

Description	Ordering code	L.P. (₹)
DW weekly digital time switches-DW1, 1 channel	2CSM222531R1000	12,440
DW weekly digital time switches-DW2, 2 channel	2CSM222521R1000	19,450

Digital weekly astronomical time switch - DWA

Description	Ordering code	L.P. (₹)
DWA twilight astronomical switches DWA-1, 1 channel	2CSM222511R1000	26,950
DWA twilight astronomical switches DWA-2, 2 channel	2CSM222501R1000	33,640

TL Line modular twilight switches

Description	Ordering code	L.P. (₹)
TL1 modular twilight switches 1 channel with external sensor TL1	2CSM229921R1341	11,000
TL1 pole twilight switches, installation on the pole/wall TL1 Pole	2CSM229911R1341	10,330

AG Timer electro-mechanical time switches

Description	Ordering code	L.P. (₹)
AD1CO Daily time switch, running reserve 1NO/1NC, AD1CO-R-15m	2CSM208151R1000 ■	5,450

Control and automation components

Description	Ordering code	L.P. (₹)
E 232-230 staircase lighting time-delay switches, Staircase lighting time-delay switches are usually operated by pushbuttons, often fitted with a glow lamp. Switches are designed for a glow lamp current of up to 150 mA and thus perfectly suitable for installations in multi-storey buildings.	2CDE110000R0501	7,720

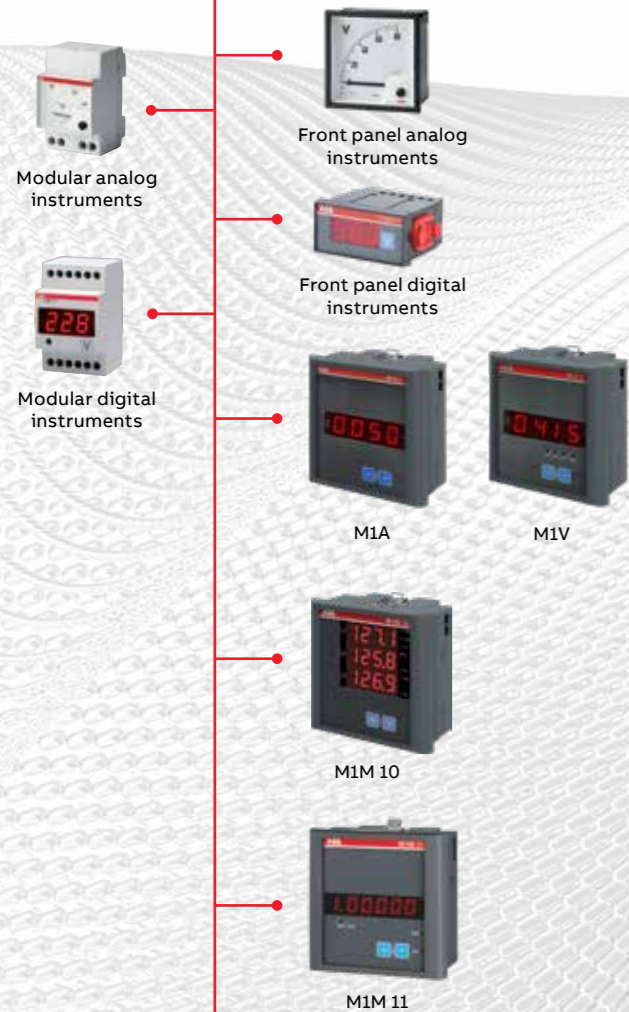
The E 232-230 staircase lighting time-delay switch includes an electro-mechanical timer with a synchronous motor drive to ensure high operational safety in whatever mounting position. The time range is adjustable in increments of 15 seconds from 1 to seven minutes. Resettable after 30 seconds

ABB Energy Efficiency Portfolio

Metering solutions from basic to advanced

Single function and Multi-function Metering solutions

ABB analog and digital single and multi-function instruments easily allow the monitoring of all the simplest electrical parameters.



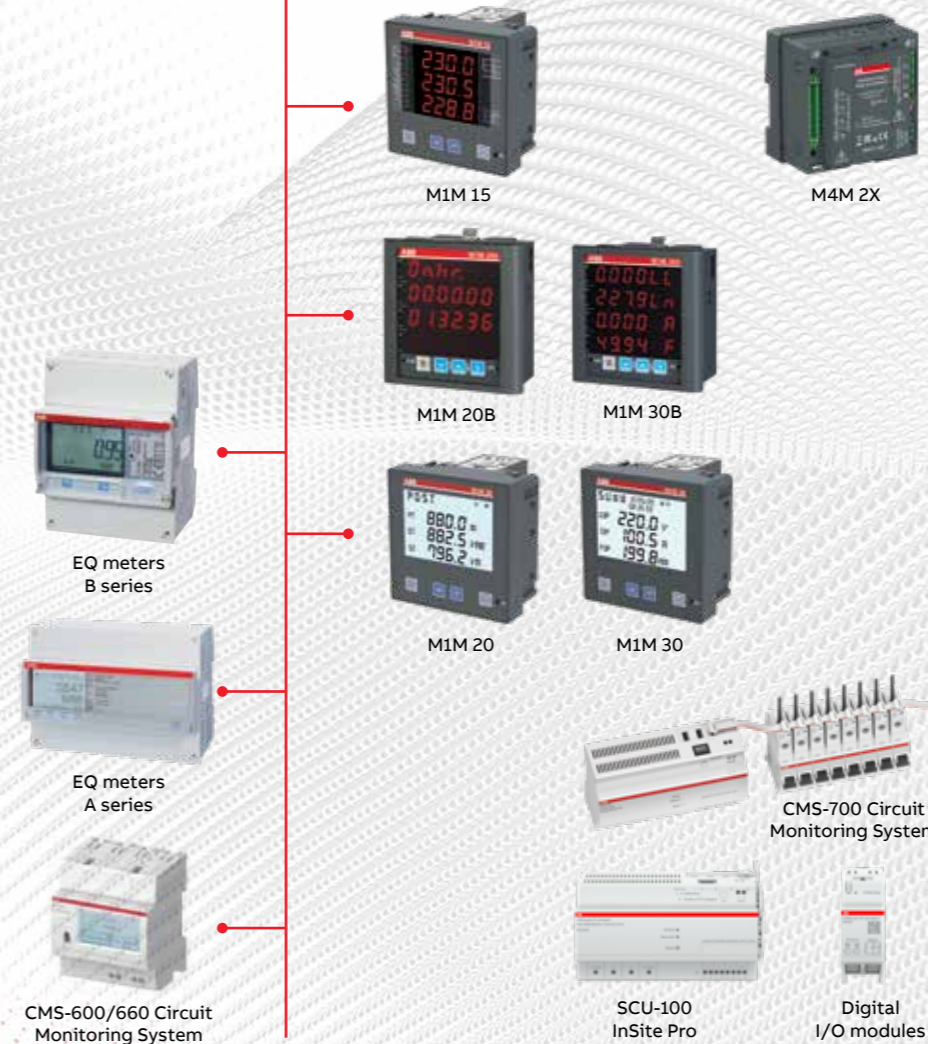
Basic Metering solutions

On top of the simplest measurements, ABB basic Multi-function meters also monitor Energy and Power. They are available with option for Modbus communication.



Intermediate Metering solutions

Intermediate level solutions offer a wider range of measurements - including THD, Individual Harmonics and Unbalances - and functionalities - such as I/O, Timers, RTC and Alarms as optional choice.



Advanced Metering solutions

M4M suits all power monitoring needs: from high-accuracy energy efficiency monitoring of electrical parameters to complete power quality analysis through advanced KPIs via cloud.



M1 Single Function Measurement Devices

M1A, M1V and M1M 11

Ordering codes



M1A

M1A

Accuracy Class	Communication protocol and interface	Order details Type code	Order code	Weight 1 piece kg	Pack unit pc.	L.P. (₹)
Class 1	-	M1A 1-1 Ammeter 1Ph	1SYG235145R4051 ■	0.19	1	1,720
Class 1	-	M1A 3-1 Ammeter 3Ph	1SYG235135R4051 ■	0.19	1	2,630
Class 0.5	-	M1A 3-05 Ammeter 3Ph	1SYG234905R4051 ■	0.19	1	3,100



M1V

M1V

Accuracy Class	Communication protocol and interface	Order details Type code	Order code	Weight 1 piece kg	Pack unit pc.	L.P. (₹)
Class 1	-	M1V 1-1 Volt Meter 1Ph	1SYG233965R4051 ■	0.19	1	1,720
Class 1	-	M1V 3-1 Volt Meter 3Ph	1SYG233955R4051 ■	0.19	1	2,630
Class 0.5	-	M1V 3-05 Volt Meter 3Ph	1SYG233695R4051 ■	0.19	1	3,100



M1M 11

M1M 11

Accuracy Class	Communication protocol and interface	Order details Type code	Order code	Weight 1 piece kg	Pack unit pc.	L.P. (₹)
Class 1	Modbus RTU RS485	M1M 11-1 kWh Meter Modbus	1SYG233685R4051 ■	0.22	1	8,760
Class 0.5	Modbus RTU RS485	M1M 11-05 kWh Meter Modbus	1SYG232395R4051 ■	0.22	1	8,870

M1M Power Meters

M1M 15, M1M 20B, M1M 30B, M1M 20 and M1M 30

Ordering codes



M1M 15

M1M 15

Accuracy Class	Communication Protocol	I/O	Order details Type code	Order code	Weight 1 piece kg	Pack unit pc.	L.P. (₹)
Class 1	-	-	M1M 15-1	2TAZ661010R2000	0.31	1	24,040
Class 1	Modbus RTU	-	M1M 15-1 Modbus	2TAZ661012R2000	0.31	1	25,820



M1M 20B

M1M 20B

Accuracy Class	Communication protocol and interface	I/O	Order details Type code	Order code	Weight 1 piece kg	Pack unit pc.	L.P. (₹)
Class 1	Modbus RTU RS485	-	M1M 20B-1 Modbus	1SYG231445R4051 ■	0.26	1	19,500
Class 0.5	Modbus RTU RS485	-	M1M 20B-05 Modbus	1SYG230355R4051	0.26	1	24,800
Class 0.2	Modbus RTU RS485	-	M1M 20B-02 Modbus	1SYG230295R4051	0.26	1	30,950



M1M 30B

M1M 30B

Accuracy Class	Communication protocol and interface	I/O	Order details Type code	Order code	Weight 1 piece kg	Pack unit pc.	L.P. (₹)
Class 0.5	Modbus RTU RS485	-	M1M 30B-05 Modbus	1SYG230185R4051 ■	0.27	1	30,210
Class 0.2	Modbus RTU RS485	-	M1M 30B-02 Modbus	1SYG229775R4051	0.27	1	33,920



M1M 20

M1M 20

Accuracy Class	Communication Protocol	I/O	Order details Type code	Order code	Weight 1 piece kg	Pack unit pc.	L.P. (₹)
Class 1	-	-	M1M 20-1	2TAZ662010R2000	0.31	1	34,150
Class 1	Modbus RTU	-	M1M 20-1 Modbus	2TAZ662012R2000	0.32	1	37,950
Class 1	Modbus TCP/IP	-	M1M 20-1 Ethernet	2TAZ662014R2000	0.33	1	45,540
Class 0.5	Modbus RTU	2 Digital Out. 2 Digital In.	M1M 20-05 I/O	2TAZ662012R2001	0.33	1	47,430



M1M 30

M1M 30

Accuracy Class	Communication Protocol	I/O	Order details Type code	Order code	Weight 1 piece kg	Pack unit pc.	L.P. (₹)
Class 1	Modbus RTU	2 Digital Out.	M1M 30-1 Modbus	2TAZ663012R2000	0.32	1	48,290
Class 1	Modbus TCP/IP	2 Digital Out.	M1M 30-1 Ethernet	2TAZ663014R2000	0.34	1	57,950
Class 0.5	Modbus RTU	2 Digital Out. 2 Digital In.	M1M 30-05 I/O	2TAZ663012R2001	0.33	1	60,370

M1 Multi-function Measurement Devices

M1M 10, M1M 12 and M1M DS

Ordering codes



M1M 10

M1M 10

Accuracy Class	Communication protocol and interface	Order details Type code	Order code	Weight 1 piece kg	Pack unit pc.	L.P. (₹)
Class 1	-	M1M 10-1	1SYG235081R4051 ■	0.3	1	3,060



M1M 12

M1M 12

Accuracy Class	Communication protocol and interface	Order details Type code	Order code	Weight 1 piece kg	Pack unit pc.	L.P. (₹)
Class 1	-	M1M 12-1	1SYG207591R4051 ■	0.3	1	9,880
Class 1	Modbus RTU RS485	M1M 12-1 Modbus	1SYG207581R4051 ■	0.3	1	10,940



M1M DS

M1M DS

Accuracy Class	Communication protocol and interface	Order details Type code	Order code	Weight 1 piece kg	Pack unit pc.	L.P. (₹)
Class 0.5	-	M1M DS-05	1SYG232385R4051 ■	0.21	1	8,480
Class 0.5	Modbus RTU RS485	M1M DS-05 Modbus	1SYG232375R4051 ■	0.21	1	8,750

ABB ITUS

Distribution boards



SPN-SHC

IP 30, IK 08 Without door

Product description	Product code	No. of ways	No. of modules	Unit MRP (₹)
IP-SPN06 WAY WD DB	1SYP011506C0001 ■	6 way	6	1,900
IP-SPN08 WAY WD DB	1SYP011508C0001 ■	8 way	8	2,140
IP-SPN10 WAY WD DB	1SYP011510C0001	10 way	10	2,250
IP-SPN12 WAY WD DB	1SYP011512C0001 ■	12 way	12	2,530
IP-SPN14 WAY WD DB	1SYP011514C0001	14 way	14	2,750
IP-SPN16 WAY WD DB	1SYP011516C0001	16 way	16	3,080
IP-SPN18 WAY WD DB	1SYP011518C0001 ■	18 way	18	3,590
IP-SPN22 WAY WD DB	1SYP011522C0001	22 way	22	3,800

IP 43, IK 09 With metal door

Product description	Product code	No. of ways	No. of modules	Unit MRP (₹)
IP-SPN06 WAY MD DB	1SYP011606C0001 ■	6 way	6	2,550
IP-SPN08 WAY MD DB	1SYP011608C0001 ■	8 way	8	2,860
IP-SPN10 WAY MD DB	1SYP011610C0001	10 way	10	3,260
IP-SPN12 WAY MD DB	1SYP011612C0001 ■	12 way	12	3,440
IP-SPN14 WAY MD DB	1SYP011614C0001	14 way	14	3,920
IP-SPN16 WAY MD DB	1SYP011616C0001	16 way	16	4,350
IP-SPN18 WAY MD DB	1SYP011618C0001 ■	18 way	18	4,490
IP-SPN22 WAY MD DB	1SYP011622C0001	22 way	22	5,140

TPN-SHDB

IP 30, IK 08 Without door

Product description	Product code	No. of ways	No. of modules I/C	No. of modules O/G	Unit MRP (₹)
IP-TPN04 WAY WDB	1SYP021504C0001 ■	4 way	8	12	4,940
IP-TPN06 WAY WDB	1SYP021506C0001 ■	6 way	8	18	6,130
IP-TPN08 WAY WDB	1SYP021508C0001 ■	8 way	8	24	7,240
IP-TPN12 WAY WDB	1SYP021512C0001 ■	12 way	8	36	10,330

IP 43, IK 09 With metal door

Product description	Product code	No. of ways	No. of modules I/C	No. of modules O/G	Unit MRP (₹)
IP-TPN04 WAY MDD	1SYP021604C0001 ■	4 way	8	12	5,720
IP-TPN06 WAY MDD	1SYP021606C0001 ■	6 way	8	18	7,070
IP-TPN08 WAY MDD	1SYP021608C0001 ■	8 way	8	24	8,540
IP-TPN12 WAY MDD	1SYP021612C0001 ■	12 way	8	36	12,670

IP 43, IK 09 Metal door with acrylic

Product description	Product code	No. of ways	No. of modules	Unit MRP (₹)
IP-SPN06 WAY AD DB	1SYP011706C0001	6 way	6	3,300
IP-SPN08 WAY AD DB	1SYP011708C0001	8 way	8	3,590
IP-SPN10 WAY AD DB	1SYP011710C0001	10 way	10	4,250
IP-SPN12 WAY AD DB	1SYP011712C0001	12 way	12	4,360
IP-SPN14 WAY AD DB	1SYP011714C0001	14 way	14	5,250
IP-SPN16 WAY AD DB	1SYP011716C0001	16 way	16	5,420
IP-SPN18 WAY AD DB	1SYP011718C0001	18 way	18	5,670
IP-SPN22 WAY AD DB	1SYP011722C0001	22 way	22	6,660

IP 54, IK 09 Metal door

Product description	Product code	No. of ways	No. of modules	Unit MRP (₹)
IP-SPN06 WAY WP DB	1SYP011806C0001	6 way	6	6,240
IP-SPN08 WAY WP DB	1SYP011808C0001	8 way	8	7,800
IP-SPN10 WAY WP DB	1SYP011810C0001	10 way	10	8,060
IP-SPN12 WAY WP DB	1SYP011812C0001	12 way	12	8,900
IP-SPN14 WAY WP DB	1SYP011814C0001	14 way	14	9,540
IP-SPN16 WAY WP DB	1SYP011816C0001	16 way	16	12,200
IP-SPN18 WAY WP DB	1SYP011818C0001	18 way	18	12,330
IP-SPN22 WAY WP DB	1SYP011822C0001	22 way	22	13,050

IP 43, IK 09 Metal door with acrylic

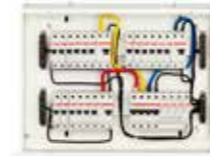
Product description	Product code	No. of ways	No. of modules I/C	No. of modules O/G	Unit MRP (₹)
IP-TPN04 WAY AD DB	1SYP021704C0001	4 way	8	12	7,480
IP-TPN06 WAY AD DB	1SYP021706C0001	6 way	8	18	9,440
IP-TPN08 WAY AD DB	1SYP021708C0001	8 way	8	24	11,110
IP-TPN12 WAY AD DB	1SYP021712C0001	12 way	8	36	17,210

IP 54, IK 09 Metal door

Product description	Product code	No. of ways	No. of modules I/C	No. of modules O/G	Unit MRP (₹)
IP-TPN04 WAY WPD	1SYP021804C0001	4 way	8	12	19,580
IP-TPN06 WAY WPD	1SYP021806C0001	6 way	8	18	23,560
IP-TPN08 WAY WPD	1SYP021808C0001	8 way	8	24	25,760
IP-TPN12 WAY WPD	1SYP021812C0001	12 way	8	36	36,660

ABB ITUS

Distribution boards



TPN-SHPPI per phase isolation IP 43, IK 09 With metal door

Product description	Product code	No. of ways	No. of modules			Unit MRP (₹)
			I/C	Sub I/C	O/G	
IP-HPPI06 WAY(4+2) MDD	1SYP031606C0001 ■	6 way	8	6	12	10,820
IP-HPPI08 WAY(6+2) MDD	1SYP031608C0001 ■	8 way	8	6	18	12,840
IP-HPPI12 WAY(10+2) MDD	1SYP031612C0001 ■	12 way	8	6	30	17,500

TPN-SVDB vertical per phase isolation IP 43, IK 09 With metal door

Product description	Product code	No. of ways	No. of modules			Unit MRP (₹)
			I/C	Sub I/C	O/G	
IP-VPPI06 WAY(6+2) MDD	1SYP041606C0001 ■	6 way	8	6	18	11,820
IP-VPPI08 WAY(8+2) MDD	1SYP041608C0001 ■	8 way	8	6	24	13,840
IP-VPPI12 WAY(12+2) MDD	1SYP041612C0001 ■	12 way	8	6	36	18,500

TPN-8 segment IP 43, IK 09 With metal door

Product description	Product code	No. of ways	No. of modules			Unit MRP (₹)
			I/C	Sub I/C	O/G	
IP-8SEG04 WAY MD DB	1SYP051604C0001 ■	4 way	4+8	12	12	15,900
IP-8SEG06 WAY MD DB	1SYP051606C0001 ■	6 way	4+8	12	18	16,990
IP-8SEG08 WAY MD DB	1SYP051608C0001 ■	8 way	4+8	12	24	20,990
IP-8SEG12 WAY MD DB	1SYP051612C0001	12 way	4+8	12	36	24,600

VTPN-SVTDB MCB vertical type IP 43, IK 09 Metal door

Product description	Product code	No. of ways	No. of modules		Unit MRP (₹)
			I/C	O/G	
IP-VTPN04 WAY MCB/IC MD DB	1SYP061604C0001 ■	4 way	8	12	14,130
IP-VTPN06 WAY MCB/IC MD DB	1SYP061606C0001 ■	6 way	8	18	15,640
IP-VTPN08 WAY MCB/IC MD DB	1SYP061608C0001 ■	8 way	8	24	18,210
IP-VTPN12 WAY MCB/IC MD DB	1SYP061612C0001	12 way	8	36	24,500

TPN-SVTDB XT1 vertical 160A MCCB IP 43, IK 09 Metal door

Product description	Product code	No. of ways	No. of modules		Unit MRP (₹)
			I/C	O/G	
IP-VTPN04 WAY XT1/IC MD DB	1SYP071604C0001	4 way	XT1 160	12	17,090
IP-VTPN06 WAY XT1/IC MD DB	1SYP071606C0001	6 way	XT1 160	18	19,390
IP-VTPN08 WAY XT1/IC MD DB	1SYP071608C0001	8 way	XT1 160	24	21,360
IP-VTPN12 WAY XT1/IC MD DB	1SYP071612C0001	12 way	XT1 160	36	29,130

TPN-SVTDB XT3 vertical 250A MCCB IP 43, IK 09 Metal door

Product description	Product code	No. of ways	No. of modules		Unit MRP (₹)
			I/C	O/G	
IP-VTPN04 WAY XT3/IC MD DB	1SYP081604C0001	4 way	XT3 250	12	27,700
IP-VTPN06 WAY XT3/IC MD DB	1SYP081606C0001	6 way	XT3 250	18	30,550
IP-VTPN08 WAY XT3/IC MD DB	1SYP081608C0001	8 way	XT3 250	24	31,840
IP-VTPN12 WAY XT3/IC MD DB	1SYP081612C0001	12 way	XT3 250	36	33,620

ABB ITUS

Distribution boards



SVFLM flexy tier IP 43, IK 09 Metal door

Product description	Product code	No. of ways	No. of rows	No. of modules	Unit MRP (₹)
IP-2 ROW 13 MOD MD DB	1SYP101626C0001	2 Row of 13 Mod	2	26	6,800
IP-2 ROW 14 MOD MD DB	1SYP101628C0001	2 Row of 14 Mod	2	28	7,230
IP-3 ROW 13 MOD MD DB	1SYP101639C0001	3 Row of 13 Mod	3	39	8,080
IP-3 ROW 14 MOD MD DB	1SYP101642C0001	3 row of 14 Mod	3	42	9,760
IP-4 ROW 13 MOD MD DB	1SYP101652C0001	4 Row of 13 Mod	4	52	9,200
IP- 4 ROW 14 MOD MD DB	1SYP101656C0001	4 Row of 14 Mod	4	56	9,370



SPVS phase selector type IP 43, IK 09 Metal door

Product description	Product code	No. of ways	No. of modules I/C	No. of modules O/G	Unit MRP (₹)
IP-PS 63A 04 WAY MD DB	1SYP091604C0001	4 way	8	12	15,310
IP-PS 63A 06 WAY MD DB	1SYP091606C0001	6 way	8	18	15,560
IP-PS 63A 08 WAY MD DB	1SYP091608C0001	8 way	8	24	16,670
IP-PS 63A 12 WAY MD DB	1SYP091612C0001	12 way	8	36	18,770



SEN enclosures IP 20, IK 08

Product description	Product code	No. of ways	No. of modules	Unit MRP (₹)
IP- 2MOD Metal Enclosure	1SYP121502C0001 ■	2P enclosure	2	900
IP- 4MOD Metal Enclosure	1SYP121504C0001 ■	4P enclosure	4	900
IP- 6MOD Metal Enclosure	1SYP121506C0001 ■	6P enclosure	6	1,190
IP- 8MOD Metal Enclosure	1SYP121508C0001 ■	8P enclosure	8	1,510



Plug & socket boards IP 20, IK 08

Product description	Product code	No. of ways	No. of modules	Unit MRP (₹)
IP- 20A SP 2Pin P&S Enclosure	1SYP111520C0001 ■	1	2	2,230
IP- 30A TP 3Pin P&S Enclosure	1SYP111530C0001 ■	1	4	4,770

ABB ITUS Distribution Boards

Cable end boxes

SPN-SHC

Product description	Product code	No. of ways	Unit MRP (₹)
IP-SPN06 WAY MD CEB	1SYP140106C0001	6 way	1,050
IP-SPN08 WAY MD CEB	1SYP140108C0001	8 way	1,200
IP-SPN10 WAY MD CEB	1SYP140110C0001	10 way	1,250
IP-SPN12 WAY MD CEB	1SYP140112C0001	12 way	1,350
IP-SPN14 WAY MD CEB	1SYP140114C0001	14 way	1,550
IP-SPN16 WAY MD CEB	1SYP140116C0001	16 way	1,910
IP-SPN18 WAY MD CEB	1SYP140118C0001	18 way	1,920
IP-SPN22 WAY MD CEB	1SYP140122C0001	22 way	2,000

TPN-SHDB

Product description	Product code	No. of ways	Unit MRP (₹)
IP-TPN04 WAY MD CEB	1SYP140204C0001	4 way	1,800
IP-TPN06 WAY MD CEB	1SYP140206C0001	6 way	1,910
IP-TPN08 WAY MD CEB	1SYP140208C0001	8 way	2,000
IP-TPN12 WAY MD CEB	1SYP140212C0001	12 way	4,300

TPN-SHPPI

Product description	Product code	No. of ways	Unit MRP (₹)
IP-HPPI06 WAY(4+2) MD CEB	1SYP140306C0001	6 way	2,200
IP-HPPI08 WAY(6+2) MD CEB	1SYP140308C0001	8 way	2,890
IP-HPPI12 WAY(10+2) MD CEB	1SYP140312C0001	12 way	3,940

TPN-SVDB

Product description	Product code	No. of ways	Unit MRP (₹)
IP-VPPI06 WAY(6+2) MD CEB	1SYP140406C0001	6 way	1,600
IP- VPPI08 WAY(8+2) MD CEB	1SYP140408C0001	8 way	1,800
IP- VPPI12 WAY(12+2) MD CEB	1SYP140412C0001	12 way	2,000

8 Segment

Product description	Product code	No. of ways	Unit MRP (₹)
IP-8SEG04 WAY MD CEB	1SYP141013C0001	4 way	4,060
IP-8SEG06 WAY MD CEB	1SYP141014C0001	6 way	4,460
IP-8SEG08 WAY MD CEB	1SYP140600C0001	8 way	4,970
IP-8SEG12 WAY MD CEB	1SYP140700C0001	12 way	5,620

SVTDB, XT1 & XT3

Product description	Product code	No. of ways	Unit MRP (₹)
IP-VTPN MCB/IC MD CEB	1SYP140800C0001	For all SVTDB MCB I/C	2,710
IP-VTPN XT1/IC MD CEB	1SYP140504C0001	For all SVTDB MCCB XT1 I/C	4,790
IP-VTPN XT3/IC MD CEB	1SYP140506C0001	For all SVTDB MCCB XT3 I/C	4,790

SVFLM

Product description	Product code	No. of ways	Unit MRP (₹)
IP- 13 MOD CEB	1SYP140508C0001	13 module	1,800
IP-14 MOD CEB	1SYP140512C0001	14 module	1,900

Busbars and blanking plate

Product description	Product code	No. of ways	No. of modules	Unit MRP (₹)
IP- 13 MOD Insulated Busbar	1SYP131513C0001	13		400
IP- 14 MOD Insulated Busbar	1SYP131514C0001	14		440
IP- Blank Plate	1SYP131500C0001		1	20

Elegance series Distribution boards

Elegance series (E-series) distribution boards are available in texture grey (color code - RAL7035)

Construction

Blending aesthetics, functionality and safety, the E-series of ABB distribution boards are manufactured with high precision, and high quality CRCA steel sheets. These distribution boards undergo a seven-tank phosphating process to ensure anti-rust conditioning, superior finish and lasting strength. Premier quality powder coating is applied using the latest techniques

Colour

ABB's E-series of distribution boards are available in texture grey (RAL 7035)

Installation

The E-series of ABB distribution boards are universal mounting type, hence can be flush or wall mounted. These distribution boards are provided with top and bottom removable gland plates with adequate number of knock outs, which enable easy installation and connection of conduits of sizes up to 32 mm dia knock out.

Protection

E-series distribution boards offer three types of protection- IP43 & IP54 degree with a metal door and IP30 degree without a door. The highest degree of attention has been paid to the safety aspect of the distribution boards, considering that they are installed in close proximity to people. An intermediate plate ensures total safety, as no live parts are exposed when the door is opened.



Note: Prices upon request

Classic series Distribution boards



SPN DB - SHC

IP 30

Product description	No. of ways	No. of modules	Ordering code	Unit MRP (₹)
SHC WD 4	4 way	4+2	1SYN869006R0001 ■	1,700
SHC WD 6	6 way	6+2	1SYN869007R0001	1,750
SHC WD 8	8 way	8+2	1SYN869008R0001 ■	2,050
SHC WD 10	10 way	10+2	1SYN869006R0010	2,300
SHC WD 12	12 way	12+2	1SYN869009R0001 ■	2,510
SHC WD 14	14 way	14+2	1SYN869010R0001	2,800
SHC WD 16	16 way	16+2	1SYN869006R0016 ■	3,360
SHC WD 20	20 way	20+2	1SYN869006R0020	3,570

IP 43 with metal door

Product description	No. of ways	No. of modules	Ordering code	Unit MRP (₹)
SHC M 4	4 way	4+2	1SYN869001R0001 ■	2,400
SHC M 6	6 way	6+2	1SYN869002R0001 ■	2,650
SHC M 8	8 way	8+2	1SYN869003R0001	3,030
SHC M 10	10 way	10+2	1SYN869004R0101	3,230
SHC M 12	12 way	12+2	1SYN869004R0001 ■	3,580
SHC M 14	14 way	14+2	1SYN869005R0001	4,050
SHC M 16	16 way	16+2	1SYN869001R0016 ■	4,210
SHC M 20	20 way	20+2	1SYN869001R0020	4,800

Classic series distribution boards are available in ivory color (color code - RAL9010)

TPN DB - SHDB horizontal

IP 30

Product description	No. of ways	No. of modules	Ordering code	Unit MRP (₹)
SHDB WD 4	4 way	8+12	1SYN869020R0001 ■	4,360
SHDB WD 6	6 way	8+18	1SYN869021R0001	5,100
SHDB WD 8	8 way	8+24	1SYN869022R0001 ■	6,070
SHDB WD 12	12 way	8+36	1SYN869023R0001 ■	8,890

IP 43 with metal door

Product description	No. of ways	No. of modules	Ordering code	Unit MRP (₹)
SHDB M 4	4 way	8+12	1SYN869016R0001 ■	5,350
SHDB M 6	6 way	8+18	1SYN869017R0001	6,500
SHDB M 8	8 way	8+24	1SYN869018R0001 ■	7,750
SHDB M 12	12 way	8+36	1SYN869019R0001 ■	11,590
SHDB M 16	16 way	8+48	1SYN869004R0025 ■	14,530

IP 43 metal door with acrylic

Product description	No. of ways	No. of modules	Ordering code	Unit MRP (₹)
SHC P 4	4 way	4+2	1SYN869011R0041	2,610
SHC P 6	6 way	6+2	1SYN869011R0042	2,970
SHC P 8	8 way	8+2	1SYN869013R0001	3,410
SHC P 10	10 way	10+2	1SYN869013R0002	3,850
SHC P 12	12 way	12+2	1SYN869015R0012	4,120
SHC P 14	14 way	14+2	1SYN869015R0001	4,650
SHC P 16	16 way	16+2	1SYN869011R0161	5,010
SHC P 20	20 way	20+2	1SYN869011R0201	5,700

IP 54

Product description	No. of ways	No. of modules	Ordering code	Unit MRP (₹)
SHC M WP 4	4 way	4+2	1SYN869002R0004	6,420
SHC M WP 6	6 way	6+2	1SYN869004R0020	6,990
SHC M WP 8	8 way	8+2	1SYN869002R0008	7,650
SHC M WP 10	10 way	10+2	1SYN869004R0021	8,300
SHC M WP 12	12 way	12+2	1SYN869002R0012	8,670
SHC M WP 14	14 way	14+2	1SYN869004R0022	9,640
SHC M WP 16	16 way	16+2	1SYN869004R0023	10,490
SHC M WP 20	20 way	20+2	1SYN869002R0013	11,060

IP 43 metal door with acrylic

Product description	No. of ways	No. of modules	Ordering code	Unit MRP (₹)
SHDB P 4	4 way	8+12	1SYN869024R0001	6,170
SHDB P 6	6 way	8+18	1SYN869025R0001	7,660
SHDB P 8	8 way	8+24	1SYN869026R0001	8,690
SHDB P 12	12 way	8+36	1SYN869027R0006	12,130

IP 54

Product description	No. of ways	No. of modules	Ordering code	Unit MRP (₹)
SHDB M WP 4	4 way	8+12	1SYN869001R0004	14,580
SHDB M WP 6	6 way	8+18	1SYN869001R0006	17,560
SHDB M WP 8	8 way	8+24	1SYN869001R0008	19,220
SHDB M WP 12	12 way	8+36	1SYN869004R0027	27,240

Classic series

Distribution boards

TPN DB SHPPI per phase isolation horizontal

IP 43 WITH METAL DOOR

Product description	No. of ways	No. of modules	Ordering code	Unit MRP (₹)
SHPPI M 6	6 way	8+18	1SYN8690100R0061	9,130
SHPPI M 8	8 way	8+24	1SYN8690100R0081	10,920
SHPPI M 12	12 way	8+36	1SYN8690100R0121	14,570
SHPPI M 16	16 way	8+48	1SYN8690100R0161	17,740

TPN DB SVDB per phase isolation vertical

IP 43 WITH METAL DOOR

Product description	No. of ways	No. of modules	Ordering code	Unit MRP (₹)
SVDB M 6	6 way	8+6+18	1SYN869028R0001	11,340
SVDB M 8	8 way	8+6+24	1SYN869029R0001	13,370
SVDB M 12	12 way	8+6+36	1SYN869030R0001	15,900

VTPN DB vertical E-SVTDB 8P I/C & SP/TP O/G

IP 43 WITH METAL DOOR

Product description	No. of ways	No. of modules	Ordering code	Unit MRP (₹)
SVTDB M 4	4 way	8+12	1SYN869031R0001	13,160
SVTDB M 6	6 way	8+18	1SYN869032R0001	15,050
SVTDB M 8	8 way	8+24	1SYN869033R0001	17,590
SVTDB M 12	12 way	8+36	1SYN869034R0001	22,300

VTPN DB vertical SVTDB-XT1 160A MCCB I/C & SP/TP MCB O/G

IP 43 WITH METAL DOOR

Product description	No. of ways	No. of modules	Ordering code	Unit MRP (₹)
SVTDB M 4XT1	4 way	160A Tmax XT1+12	1SYN8690VMXT104	15,440
SVTDB M 6XT1	6 way	160A Tmax XT1+18	1SYN8690VMXT106	17,660
SVTDB M 8XT1	8 way	160A Tmax XT1+24	1SYN8690VMXT108	19,000
SVTDB M 12XT1	12 way	160A Tmax XT1+36	1SYN8690VMXT112	24,400

VTPN DB vertical SVTDB-XT3 250A MCCB I/C & SP/TP MCB O/G

IP 43 WITH METAL DOOR

Product description	No. of ways	No. of modules	Ordering code	Unit MRP (₹)
SVTDB M 4XT3	4 way	250A Tmax XT3+12	1SYN8690VMXT304	26,700
SVTDB M 6XT3	6 way	250A Tmax XT3+18	1SYN8690VMXT306	29,360
SVTDB M 8XT3	8 way	250A Tmax XT3+24	1SYN8690VMXT308	30,890
SVTDB M 12XT3	12 way	250A Tmax XT3+36	1SYN8690VMXT312	32,510

7 SEGMENT DB - S7SEG

IP43 WITH METAL DOOR

Product description	No. of ways	No. of modules	Ordering code	Unit MRP (₹)
S7SEG M 4	4 way	8+12+12	1SYN869058R0001	13,900
S7SEG M 6	6 way	8+12+18	1SYN869059R0001	15,630
S7SEG M 8	8 way	8+12+24	1SYN869060R0001	16,930
S7SEG M 12	12 way	8+12+36	1SYN869061R0001	20,540

PHASE SELECTOR DB - SPVS

IP43 WITH METAL DOOR

Product description	No. of ways	No. of modules	Ordering code	Unit MRP (₹)
SPVS M 4(63A)	4 way	8+12	1SYN869100R0001	14,130
SPVS M 6(63A)	6 way	8+18	1SYN869100R0002	14,740
SPVS M 8(63A)	8 way	8+24	1SYN869100R0003	15,160
SPVS M 12(63A)	12 way	8+36	1SYN869100R0004	16,860

FLEXY TIER DB - SVFL

IP43 WITH METAL DOOR

Product description	No. of ways	No. of modules	Ordering code	Unit MRP (₹)
SVFL M 132	2 row of 13mod	26	1SYN869004R0051	6,220
SVFL M 133	3 row of 13mod	39	1SYN869103R0001	7,570
SVFL M 134	4 row of 13mod	52	1SYN869103R0002	9,960
SVFL M 142	2 row of 14mod	28	1SYN869004R0052	7,390
SVFL M 143	3 row of 14mod	42	1SYN869004R0053	8,690
SVFL M 144	4 row of 14mod	56	1SYN869103R0012	10,090

Plug & Socket DB - SGK

Product description	No. of ways	No. of modules	Ordering code	Unit MRP (₹)
SGK 20 SP	20A SP	1	1SYN869043R0001	2,110
SGK 30 TP	30A TP	3	1SYN869044R0001	5,110
SGK 60 FP	60A FP	4	1SYN869053R0001	19,440

Enclosure - SEN

Product description	No. of ways	No. of modules	Ordering code	Unit MRP (₹)
SEN 2P	2P Enclosure	2	1SYN869055R0001	870
SEN 4P	4P Enclosure	4	1SYN869056R0001	890
SEN 6P	6P Enclosure	6	1SYN869057R0001	1,240
SEN 8P	8P Enclosure	8	1SYN869004R0029	1,420

BUSBAR SP I/C & SP O/G, BLANKING PLATE

Product description	No. of ways	No. of modules	Ordering code	Unit MRP (₹)
13 Module Pin type Busbars	13	13	1SYN360025P0001	530
14 Module Pin type Busbars	14	14	1SYN869103R0013	530

BLANKING PLATE

Product description	No. of ways	No. of modules	Ordering code	Unit MRP (₹)
Blank PL		1	1SYN869004R0059	30

One way MCCB enclosures

XT1 MCCB ENCL

Product description	No. of ways	Ordering code	Unit MRP (₹)
XT1 TP MCCB Enclosure	3 pole	1SYT121503C0001	2,200
XT1 FP MCCB Enclosure	4 pole	1SYT121504C0001	2,510

XT3 MCCB ENCL

Product description	No. of ways	Ordering code	Unit MRP (₹)
XT3 TP MCCB Enclosure	3 pole	1SYT321503C0001	2,510
XT3 FP MCCB Enclosure	4 pole	1SYT321504C0001	2,810

A1 MCCB ENCL

Product description	No. of ways	Ordering code	Unit MRP (₹)
A1 TP MCCB Enclosure	3 pole	1SYA121503C0001	2,510
A1 FP MCCB Enclosure	4 pole	1SYA121504C0001	2,670

A2 MCCB ENCL

Product description	No. of ways	Ordering code	Unit MRP (₹)
A2 TP MCCB Enclosure	3 pole	1SYA221503C0001	2,670
A2 FP MCCB Enclosure	4 pole	1SYA221504C0001	2,740

Classic series

Distribution boards

Cable end box

Product description	Ordering code	No. of ways	Unit MRP (₹)
SPN IP43 SHC			
SHC M 4/CEB	1SYN869103R0014	For 4 way SPN IP 43 DB	750
SHC M 6/CEB	1SYN869103R0015	For 6 way SPN IP43 DB	820
SHC M 8/CEB	1SYN869004R0082	For 8 way SPN IP43 DB	840
SHC M 10/CEB	1SYN869004R0083	For 10 way SPN IP43 DB	900
SHC M 12/CEB	1SYN869004R0084	For 12 way SPN IP43 DB	1,010
SHC M 14/CEB	1SYN869004R0085	For 14 way SPN IP43 DB	1,110
SHC M 16/CEB	1SYN869004R0086	For 16 way SPN IP43 DB	1,350
SHC M 20/CEB	1SYN869004R0087	For 20 way TPN IP43 DB	1,680
TPN IP43 SHDB			
SHDB M 4/CEB	1SYN869004R0088	For 4 way TPN IP43 DB	1,270
SHDB M 6/CEB	1SYN869004R0089	For 6 way TPN IP43 DB	1,300
SHDB M 8/CEB	1SYN869004R0090	For 8 way TPN IP43 DB	1,910
SHDB M 12/CEB	1SYN869004R0091	For 12 way TPN IP43 DB	2,100
TPN IP43 SHPPI			
SHPPI M 6/CEB	1SYN869004R0093	For 6 way PPI IP43 DB	1,460
SHPPI M 8/CEB	1SYN869004R0094	For 8 way PPI IP43 DB	2,020
SHPPI M 12/CEB	1SYN869004R0095	For 12 way PPI IP43 DB	2,880
SHPPI M 16/CEB	1SYN869004R0096	For 16 way PPI IP43 DB	3,130

Product description	Ordering code	No. of ways	Unit MRP (₹)
TPN IP43 SVDB			
SVDB M 6/CEB	1SYN869004R0097	For 6 way SVDB IP43 DB	1,560
SVDB M 8/CEB	1SYN869004R0098	For 8 way SVDB IP43 DB	1,580
SVDB M 12/CEB	1SYN869004R0099	For 12 way SVDB IP43 DB	1,820
Flexy DB IP43			
SVFL 13M/CEB	1SYN869004R0103	For all SVFL 13Mod DBs	1,670
SVFL 14M/CEB	1SYN869004R0104	For all SVFL 14Mod DBs	2,030
VTPN IP43 SVTDB			
SVTDB M/CEB	1SYN869004R0100	For all SVTDBs(IP43DBs)	3,100
VTPN IP43 XT1 160A			
SVTDB M XT1 160/CEB	1SYN869004C0101	For all SVTDB XT1 160 DBs(IP43DBs)	3,920
VTPN IP43 XT3 250A			
SVTDB M XT3 250/CEB	1SYN869004C0103	For all SVTDB XT3 250 DBs(IP43DBs)	4,600
7 Segment CB			
S7SEG M4/CEB	1SYN141013C0001	For 4 way 7 SEG IP43 DB	2,370
S7SEG M6/CEB	1SYN141014C0001	For 6 way 7 SEG IP43 DB	2,770
S7SEG M8/CEB	1SYN140600C0001	For 8 way 7 SEG IP43 DB	3,220
S7SEG M12/CEB	1SYN140700C0001	For 12 way 7 SEG IP43 DB	3,970

Mistral IP 65 enclosures

A point of reference. For simplicity and effectiveness

A complete series, versatile and easy to install



Efficiency, safety, integration: the new System pro E comfort MISTRAL65 series rests on the strengths which have consolidated ABB's image over the years for its expertise and reliability in the area of products for protection, control, monitoring, measurement, safety and energy efficiency.

These innovative IP65 rated consumer units complete ABB's wide product range for the industrial sector.

The result of constant research and constant attention paid to technological development, the System pro E comfort c consumer units are designed to satisfy all requirements electrical installers might have.

Description	No. modules	No. of rows	Dimensions WxHxD	Order code	L.P. (₹)
Mistral65 transparent door 4M	4	1	52x202x117	1SL1200A00	3,700
Mistral65 transparent door 8M	8	1	232x250x154	1SL1201A00	5,970
Mistral65 transparent door 12M	12	1	320x250x155	1SL1202A00	7,950
Mistral65 transparent door 18M	18	1	430x250x155	1SL1203A00	10,080
Mistral65 transparent door 24M	24	2	320x435x155	1SL1204A00	12,350
Mistral65 transparent door 36M 2F	36	2	430x435x155	1SL1205A00	19,670
Mistral65 transparent door 36M 3F	36	3	320x600x155	1SL1206A00	19,670
Mistral65 transparent door 54M	54	3	430x600x155	1SL1208A00	28,370

Millenium

An element of sophistication

Forged from one of nature's most timeless materials, the Millenium range of metal switches ensures your interior makes exactly the statement you intended.



- Millenium's design and functionality convert into numerous technical and installation advantages
- Modern and contemporary finishes
- Slim design, only 4 mm height of the cover frames
- Two different rocker sizes



Find exactly what you are looking for.

The Millennium series offers control, functionality and convenience that will always fit the desired look and feel of the building.



Millenium

Features and benefits

Multi-standard

Fitting in European, American and Italian boxes



Multi rockers



Screwless plates

First ISI range with wide rocker and metal finish. Screwless front plate ultra slim design



Frame shape

Bezelless effect frame



Elegant metal frame finishes



Easy to install

Simple and adaptable



Millenium
Premium Rocker



Stainless Steel – ST



Silk Black * – SB



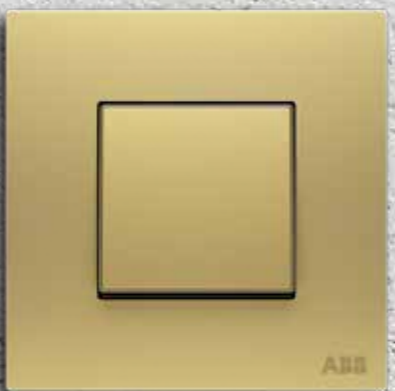
White Glass – WG



Black Glass – BG



Antique Gold – AG



Matt Gold – MG



Dune Sand – DU



Mocha Brown – MO

*Not suitable for outdoor installation

Millenium
Half Rocker



Stainless Steel – ST



Silk Black * – SB



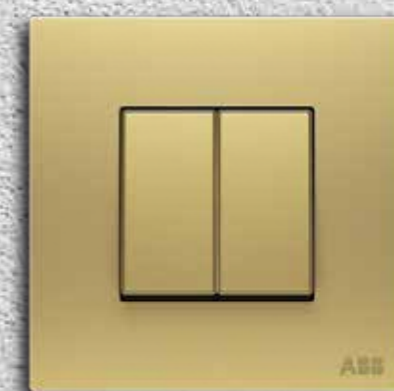
White Glass – WG



Black Glass – BG



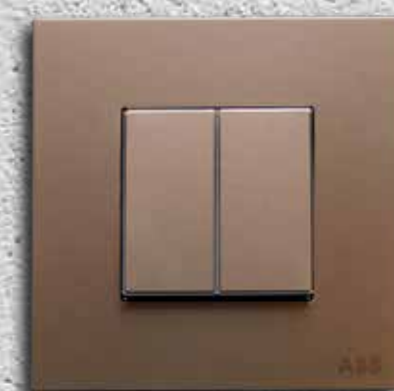
Antique Gold – AG



Matt Gold – MG



Dune Sand – DU



Mocha Brown – MO

Note:
Suitable metal backbox and prices are available upon request

Millenium

Features and benefits

Innovation, design and technology

Millenium's design and functionality convert into numerous technical and installation advantages



- Modern and contemporary 8 finishes
- Real stainless steel material **AISI 304**
- 2 finishes made in **CSG glass**
- Slim line design : only **4 mm**
- Rocker with attractive **chrome profile**
- **Screwless** front plate ultra slim design



Mounting Plate Premium rocker switch Frame

Millenium collection is a grid type system enabling combination of colours and products of different dimension and functionality. The three type of switch dimensions together with the ABB i-bus® KNX, ABB-free@home® sensors and other functions, have to be composed with the required frame in order to have the right assortment of functionality and design. In ABB i-bus® KNX sensors we have the possibility to adjoin to the frame the special metal mounting plate that allows to reduce the height so as to maintain the ultra slim line for KNX functionalities.

- Ceiling light symbol
- Blind symbol
- Scene symbol
- Temperature symbol
- Light symbol
- Fan coil symbol

Labelling insert for Millenium control covers 1 / 2-gang, 2 / 4-gang, 3 / 6-gang and 3 / 6-gang with infrared



Switches as per BIS standards and with ISI marking.

Millenium

Answer to the future by providing comfort, safety, and energy saving.



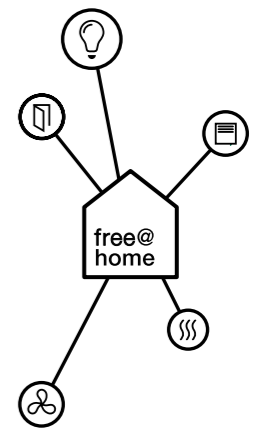
Millenium and Zenit assembled by ABB's YuMi® robot at ABB Bengaluru.

ABB-free@home® with Millenium range



Switch 2/4gang, Stainless Steel

- Blind
- Light
- Heating
- Air conditioning
- Door communication



Millenium range has been designed following the requirements of norm ISO 14006 Environmental management systems / guidelines for incorporating Ecodesign certificate.



Now scan the QR code to find out more about the advantages of ABB-free@home® abb.com/freeathome



ABB warranty policy for Zenit collection:

- 10 years for mechanical switches and socket outlets
- 1 year for electronic devices

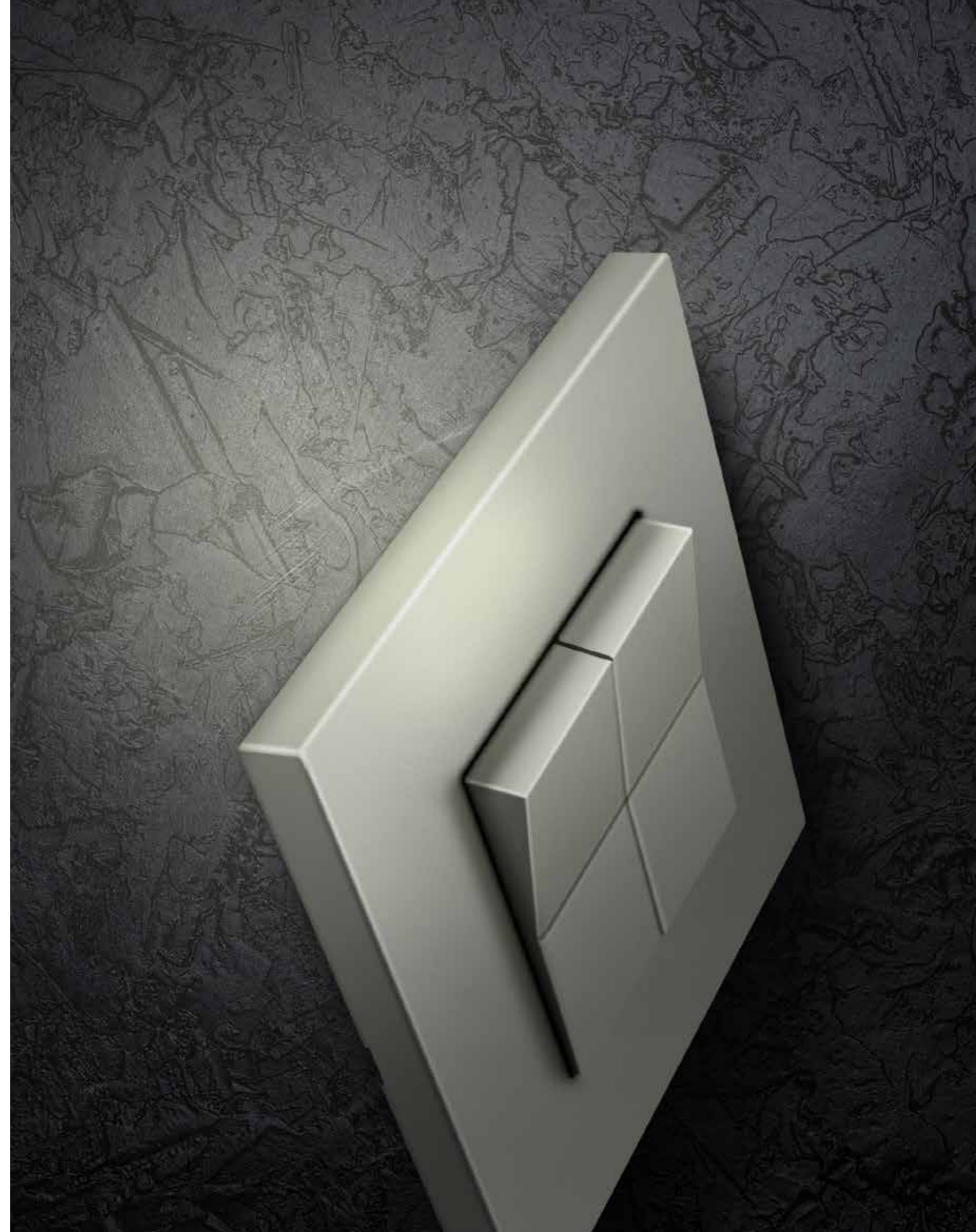
Zenit

Switch to endless possibilities

Zenit is the most comprehensive modular range for all kinds of homes and commercial buildings. A number of appreciated designs and beautiful finishes that add value to the facility, with advanced features that provide greater comfort and performance level. With Zenit you can make any type of installation, can enjoy benefit of technical advantages that make it easier and faster. This range has the guarantee of a brand renowned for its quality such as ABB.



- Premium modular light switch range
- Multi-standard: fitting in European, American and Italian boxes
- Eco-designed
- More than 100 functions in four finishes



Zenit

Features and benefits

The top in design and performance

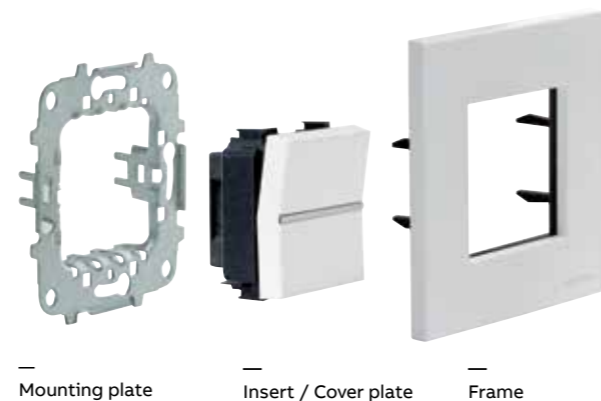
Simple, elegant, the top in design.

Zenit is born with a high-rise design. With rectilinear lines, very trendy finishes and full of details that enhance its aesthetics. It reaches the highest levels in quality and infinite values.



Eco-design
The Zenit switch range has been designed following the Product Design and Development Environmental Management regulations: Eco-design.

Zenit Float
7,5 mm height. Visually lightened through the 2 piece floating effect.



— Mounting plate — Insert / Cover plate — Frame

Switches as per BIS standards and with ISI marking.

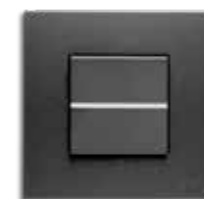


ABB warranty policy for Zenit collection:

- 10 years for mechanical switches and socket outlets
- 1 year for electronic devices

Zenit

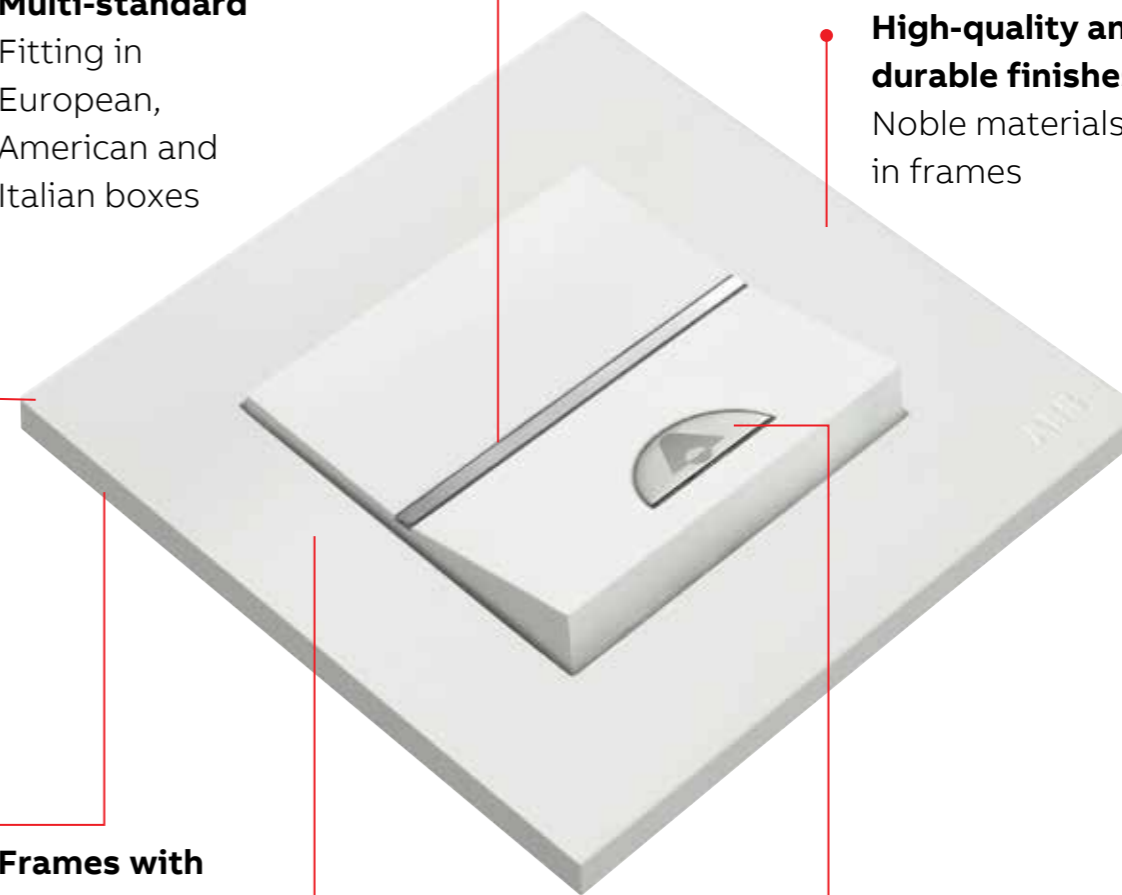
For its aesthetics and details



Display and styling trim
Lighting in green styling trim in Chrome, Anthracite, White and Champagne

Multi-standard
Fitting in European, American and Italian boxes

High-quality and durable finishes
Noble materials in frames



Frames with two shapes
Floating effect frame. Solid effect frame.



More than 100 functions in four finishes



Symbols with backlight



Zenit
Finishes



White



White Glass



Champagne Glass



Slate



Silver



Black Glass



Coffee Glass



Wenge



Anthracite



Pearl Glass



Graphite Glass

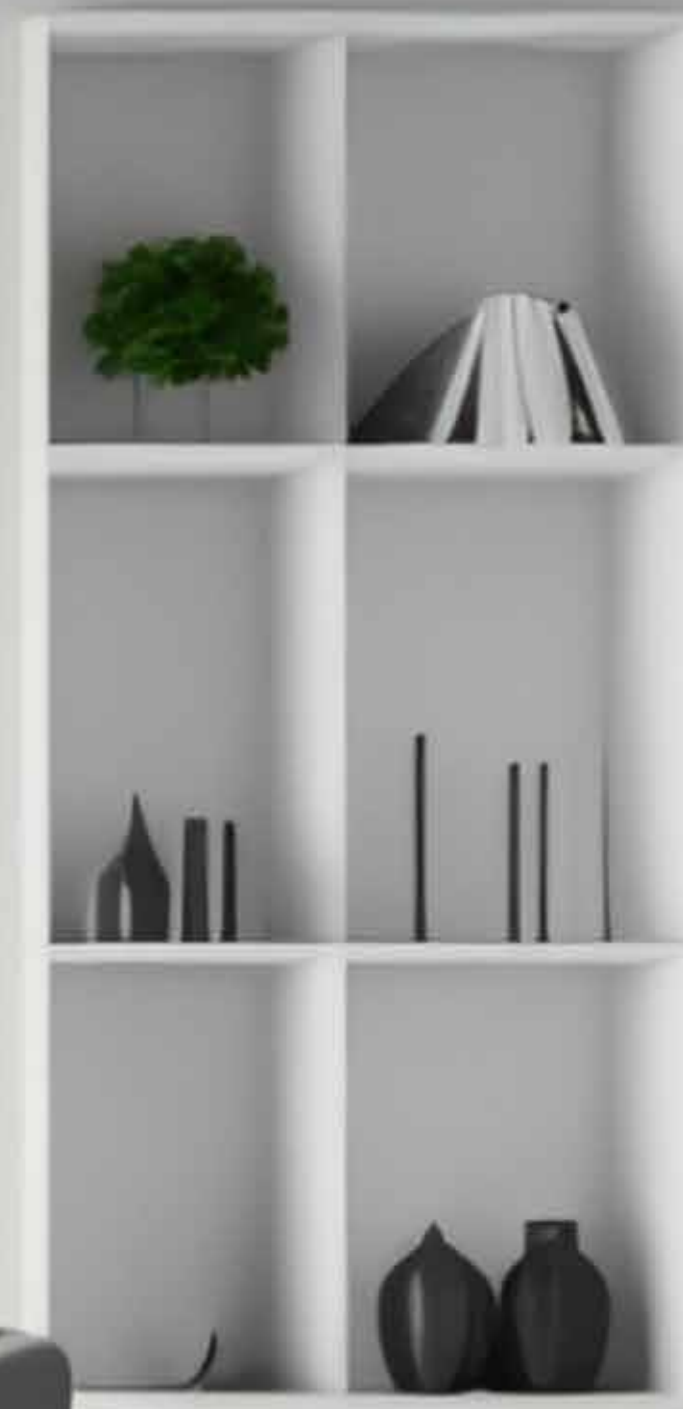


Stainless Steel



Champagne

Note : Suitable metal backbox and prices are available upon request



Zenit

Applications

Zenit is based on a combinable concept which creates a very comprehensive range, suitable for any type of needs. This makes it the ideal collection for all types of homes, hotels, offices, shops, etc.



Homes

Its simple and minimalist design integrates in any type of architecture, regardless of the decoration. It provides a wealth of features and value, thanks to its wide range of functions and benefits. Zenit is the perfect match to improve living space.



Hotels

Zenit is specially suitable for Hotel projects thanks to its modern design, fashion materials and functionalities that provide high comfort level to the hotel guests. Its ABB i-bus® KNX, ABB-free@home®, access control, sound system and more functions make a special contribution to the Guest Room System in the daily management of the hotel, achieving energy savings and high tech comfort.



Commercials

The Zenit collection offers elegance and distinction to commercial spaces designed for different purposes; restaurants, coffee shops, stores, offices, etc.

Zenit

Functions for all spaces

Zenit can be installed everywhere, in spaces that require new solutions, with new applications and all installation facilities.

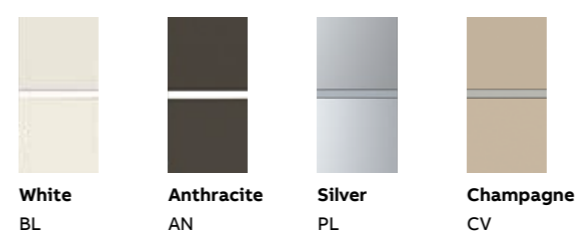


Up to 40% savings

- Contacts with an automatic connection terminal providing ease and up to 40% savings in installation time.
- The standard Zenit light switches are 16 AX and they offer top quality with a reduced number of reference to stock.
- More robust and compact mechanisms to be inserted from the front.
- Designed to hold the switches firmly, avoiding balancing problems.
- They have reduced depth, only 21 mm, which allows more connection space for wires.
- With larger press clamps and smoother to make the automatic connection more comfortable and safer.
- They have been manufactured with high quality and recyclable material.

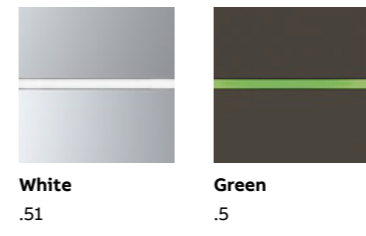
Module finishes

Available in 4 colors



Illuminated switches and push-buttons

Lamps available in 2 colors



Automatic connection



1. Strip the cable about 14 mm and introduce it into the terminal.



2. Press the push button and insert the cable.



3. Release the push button and check fixation. To disconnect the cord, press the push button again on top and bottom.

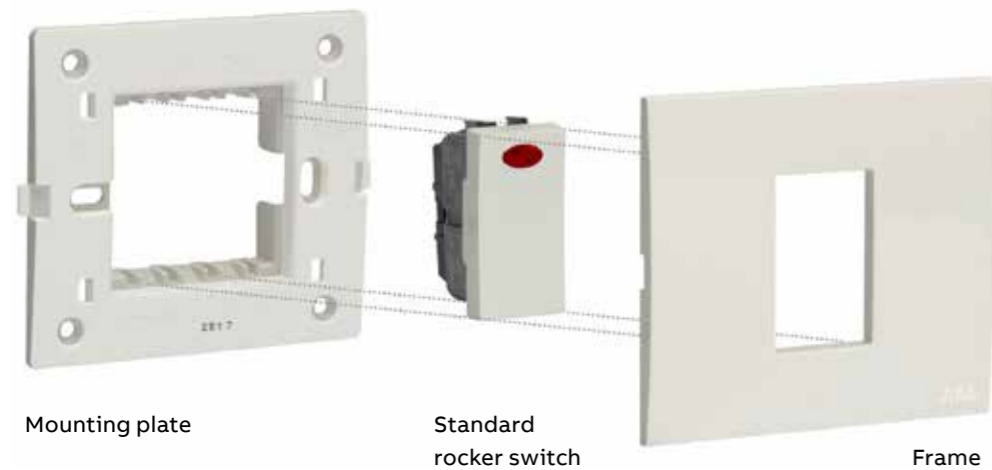
IVIE

Switch to the future

IVIE is the latest premium modular range of wiring accessories designed to address various functionalities. These include basic switching, controlling, comfort and energy saving.

IVIE installation system

IVIE series is a grid type system enabling combination of colours and products of different dimensions and functionalities, together with ABB-free@home® sensors that have to be composed with the required frame, in order to have the right assortment of functionality and design.



- All switches are marked with IS 3854:1997
- Captive screw terminals
- Bi-metal silver contact tips for less spark and longer life
- 6A & 6/16A marked with IS 1293, up to 16A
- Sockets designed to match 2 pin & 3 pin plug tops

IVIE

Switch to the future

The IVIE range innovatively matches your interiors and aesthetically brings out the best in your comfort zone. The enhanced design for reliable performance of this range is for the passionate, compassionate, intuitive and magnetic personality within each one of us.

The IVIE range, includes the tastefully selected color options, caters to the needs of various segments like residential, commercial and hospitality.

IVIE with its ability to integrate home automation solutions in your existing switch box, makes the range future proof.

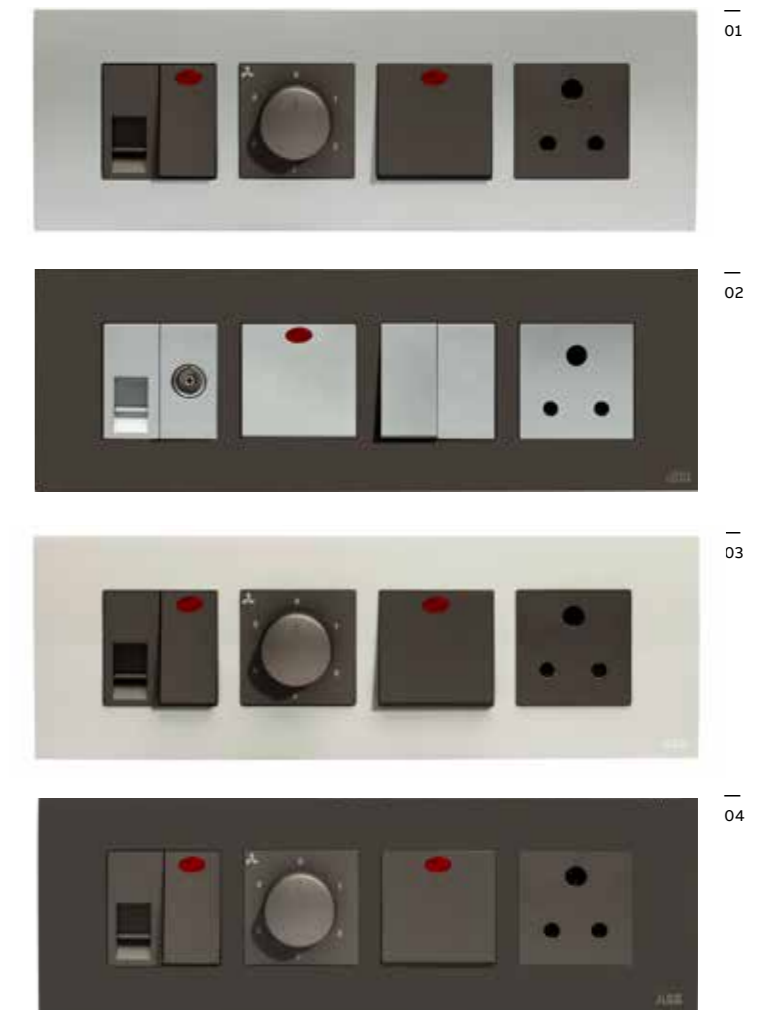
IVIE truly makes you want to switch to the future.

Sleek and convex design in different finishes

Thanks to the complete system, The IVIE series provides a comprehensive range of solutions for building concepts. The convex and sleek design not only provides quality and style to the overall building, but is easy to install.

Different finishes and combinations:

- 01 Anthracite grey mechanisms in Silver plate
- 02 Silver mechanisms in Anthracite Grey plate
- 03 Anthracite grey mechanisms in White plate
- 04 Anthracite grey mechanisms in Anthracite Grey plate

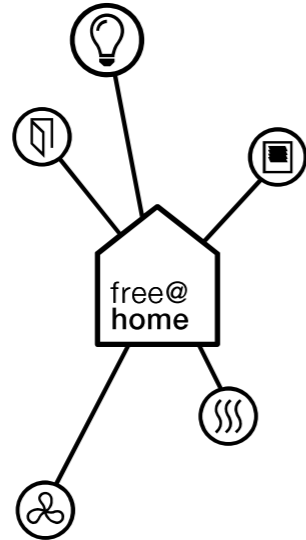


IVIE

Flexibility in design which provides total control

The IVIE range is the first Indian range to incorporate wired and wireless home automation systems together. This range can be integrated with

ABB-free@home® home automation system, which is the most intelligent way of managing spaces with energy saving.



Great comfort, safety and energy efficiency for buildings

ABB-free@home® sensor for switching control, blind control, dimming and scene control.

IVIE

Features and benefits

Innovation, design and technology range with real international concepts

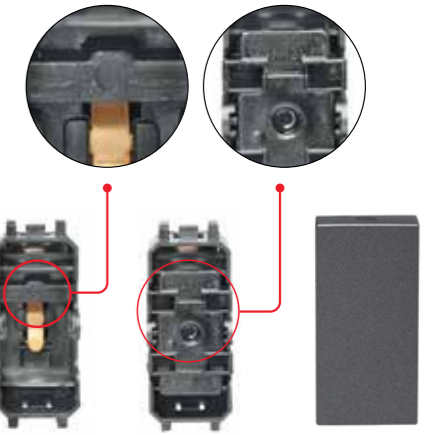
IVIE's design and functionality convert into numerous technical and installation advantages.



Modern and latest finishes in white, silver, anthracite and colours of your choice.



Convex profile plate with less projected sleek design is a perfect match for any architecture. Dust free surface and a slim design, not only add to the quality, but also provide a stylish look.



Double shrouded internal mechanism under the rocker, totally preventing visibility of sparks.



Terminal screws with Combihead for star/flat screw drivers.



Large variety of sockets, equipped with shutters for increased safety. Compatible for 6/16A two pin plug.



Universal regulator with 360 degree rotation.



1,00,000 On/Off Tested



Switches with double shrouds



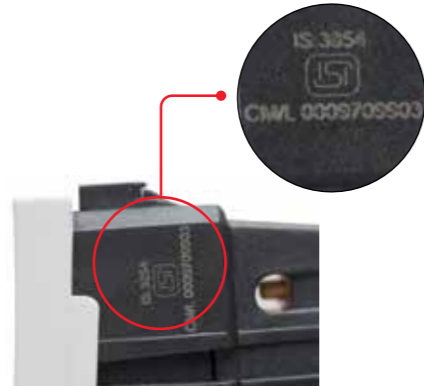
Knobs with 360° rotation

IVIE

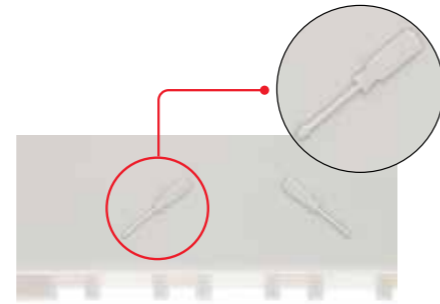
Features and benefits



IP20 Finger Proof for total safety, user friendly terminal design-easy terminal accessibility by top entry to load connection.



ISI marking on switch socket and fan regulator.



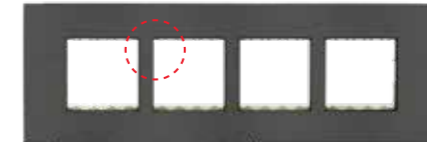
Visual signs provided in inner grids to guide proper fitment of easy installation and easy removal during fitment of mechanism with inner grid.

IVIE

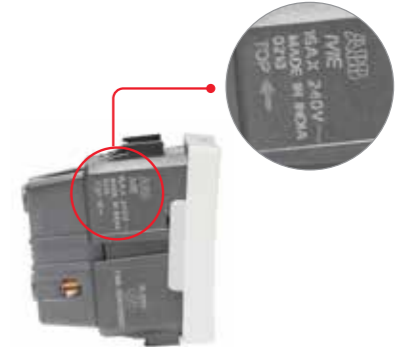
Features and benefits



Mounting screws press fitted in back side screw holder to prevent losing of the screws.



Two module partition is provided for sturdiness with extra ribs to ensure better strength of the frame.



Laser marking and arrow showing the correct orientation of the mechanism.



Resin frame with extra ribs provides better mechanical strength, insulation resistance and corrosive proof.



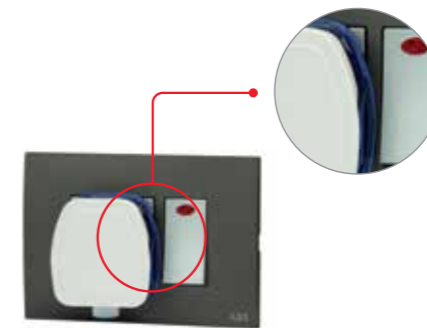
Independent shutter for earth and phase+neutral for child safety and easy connection.



Captive screws in IVIE for switches and sockets to avoid free falling and missing of screws



IVIE incorporates full range of ABB-free@home home automation and gives answers to the future by providing comfort, safety and energy savings.



Suitable design for a variety of plug tops - no overlapping on the mechanism fitted next to the socket.



ABB warranty policy for IVIE range

- 10 years for mechanical switches and sockets
- One year for electronic devices



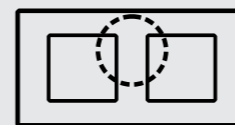
ISI marking Switch / Socket / Regulator



Socket with separate shutter



Captive screws



Frame with partition



Ease of installation



ROHS compliance

IVIE complete range

IVIE mechanisms - White



15YK100001A1001

Type reference and description	Number of modules	Std pack	Ordering code	Unit M.R.P.(₹)
Switch 6 A - 240 V ~				
IIS10610 BL - 6A 1 way switch	1	20/400	15YK100001A1001 ■	168
IIS10620 BL - 6A 2 way switch	1	20/400	15YK100001A1002 ■	288



15YK100001A1009

NEW

Type reference and description	Number of modules	Std pack	Ordering code	Unit M.R.P.(₹)
Switch 10 A - 240 V ~				
IIS11010 BL 10A 1 way switch	1	20/400	15YK100001A1009 ■	183
IIS1101L BL 10A 1 way switch with indicator	1	20/400	15YK100001A1012 ■	321
IIS11020 BL 10A 2 way switch	1	20/400	15YK100001A1010	285



15YK100001A1007

Type reference and description	Number of modules	Std pack	Ordering code	Unit M.R.P.(₹)
Switch 16 A - 240 V ~				
IIS11610 BL - 16A 1 way switch	1	20/400	15YK100001A1006 ■	331
IIS1161L BL - 16A 1 way switch with indicator	1	20/400	15YK100001A1007 ■	396



15YK100001A1008

Type reference and description	Number of modules	Std pack	Ordering code	Unit M.R.P.(₹)
Switch 32 A - 240 V ~				
IIS2321L BL - 32A, DP switch	2	10/200	15YK100001A1008 ■	946



15YK100001A1003



15YK100001A1005

Type reference and description	Number of modules	Std pack	Ordering code	Unit M.R.P.(₹)
Bell Push				
IIS106B0 BL - 6A Bell switch	1	20/400	15YK100001A1003 ■	533
IIS106BL BL - 6A Bell switch with indicator	1	20/400	15YK100001A1004 ■	629
IIS206BL BL - 6A Mega Bell switch with indicator	2	10/200	15YK100001A1005 ■	689



15YK100001A1028



15YK100001A1023

Type reference and description	Number of modules	Std pack	Ordering code	Unit M.R.P.(₹)
Sockets				
IIK20306 BL 6A 3Pin Socket	2	10/200	15YK100001A1028 ■	320
IIK20616 BL - 6/16A socket	2	10/200	15YK100001A1023 ■	563



15YK100001A1060

Type reference and description	Number of modules	Std pack	Ordering code	Unit M.R.P.(₹)
USB chargers				
IIM1USBC BL 2A 1M USB Charger	1	10	15YK100001A1060 ■	2,429
IIM2USBC BL 3A 2M USB Charger	2	5	15YK100001A1061	3,381



15YK100001A1041

Type reference and description	Number of modules	Std pack	Ordering code	Unit M.R.P.(₹)
Blank plates				
IIM1BLNK BL - blank plate	1	20/400	15YK100001A1041 ■	73

■ Stock items

IVIE complete range

IVIE mechanisms - White



15YK100001A1063

NEW

Type reference and description	Number of modules	Std pack	Ordering code	Unit M.R.P.(₹)
USB C Type & A+C Type chargers				
IIM1USBC BL 3A 15W 1M USB C type Charger	1	10	15YK100001A1062	4,670
IIM2USBC BL 3A 15W 2M USB A+C type Charger	2	5	15YK100001A1063	5,990



15YK100001A1045



15YK100001A1042

Type reference and description	Number of modules	Std pack	Ordering code	Unit M.R.P.(₹)
Fan regulators and Dimmers				
IIM2FR05 BL - step fan regulator 5 step	2	5/100	15YK100001A1042 ■	1,211
IIM1FR04 BL - step fan regulator 4 step	1	10/200	15YK100001A1043 ■	935
IIM2D400 BL - dimmer 400 watt	1	10/200	15YK100001A1045	1,354



15YK100001A1047

Type reference and description	Number of modules	Std pack	Ordering code	Unit M.R.P.(₹)
Data & voice				
IIM1RJ11 BL - RJ11 Tel. jack 2 pin	1	20/400	15YK100001A1047 ■	283
IIM1RJ45 BL - RJ45 Jack cat 6	1	20/400	15YK100001A1048 ■	1,099



15YK100001A1049

Type reference and description	Number of modules	Std Pack	Ordering code	Unit M.R.P.(₹)
TV Socket				
IIM1TVSK BL - TV co-axial socket	1	20/400	15YK100001A1049 ■	287



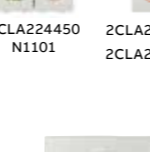
15YK100001A1051

Type reference and description	Number of modules	Std Pack	Ordering code	Unit M.R.P.(₹)
Starters				
IIM2ST20 BL - Single Phase Starter 20A	2	5/100	15YK100001A1051	1,633
IIM2ST25 BL - Single Phase Starter 25A	2	5/100	15YK100001A1052	1,771



15YK100001A1055

Type reference and description	Number of modules	Std pack	Ordering code	Unit M.R.P.(₹)
DND & MMR				
IIM1DNDS BL - DND and MMR set internal & external	2+3	5/100	15YK100001A1055	1,754
N2244.5 BL - DND and MUR 2-gang interlocked switch	2	5	2CLA224450N1101	
N2180.5 BL - LED MUR signaling light	1	5	2CLA218050N1101	5,713
N2180.4 BL - LED DND signaling light	1	5	2CLA218040N1101	



2CLA224450N1101



2CLA218050N1101



2CLA218040N1101

Type reference and description	Number of modules	Std pack	Ordering code	Unit M.R.P.(₹)
Key card switches				
N2214.1 BL - Card switch 1-gang, 1-way, DP	2	1	2CLA221410N1101	5,437



15YK100001A1059

Type reference and description	Number of modules	Std pack	Ordering code	Unit M.R.P.(₹)
Down lighter				
IIM3DOWN BL-down lighter	3	5/100	15YK100001A1059 ■	939

■ Stock items

IVIE complete range

IVIE mechanisms - White



Type reference and description	Number of modules	Std pack	Ordering code	Unit M.R.P.(₹)
Audio & video connector				
N2155.2 BL - 2x RCA connection unit	1	1	2CLA215520N1101	Upon Request
N2155.3 BL - 3x RCA connection unit	1	1	2CLA215530N1101	
N2155.4 BL - Mini-Jack connection unit	1	1	2CLA215540N1101	
N2155.5 BL - VGA connection unit	1	1	2CLA215550N1101	
N2155.6 BL - HDMI connection unit	1	1	2CLA215560N1101	
N2155.7 BL - HDMI female-female connection unit	1	1	2CLA215570N1101	
N2155.8 BL - USB connection unit	1	1	2CLA215580N1101	
N2155.9 BL - USB female-female connection unit	1	1	2CLA215590N1101	



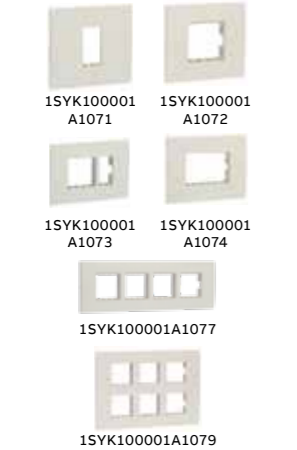
Type reference and description	Number of modules	Std pack	Ordering code	Unit M.R.P.(₹)
Motion sensor				
N2241 BL - 110° motion sensor • Max. power: Incandescent: 1,800W @230V AC/1,000W @127V AC • Halogen with electronic or ferromagnetic transformer: 750VA @230V AC/400VA @127V AC - Fluorescent lamps or motors: 400VA @230V AC/200VA @127V AC • For automatic switching of devices dependent on motion and brightness • With integrated selector switch for automatic ON-OFF in the front side • Switch-off delay: 10 sec to 10 min or short-time pulse 1 sec adjustable (from the front side) • Detection range: 5 m radius • Adjustable light set point level for activation (from the front side) • Detection angle: 110° Mounting height: 1, 2 m Auxiliary control with N2X04.X push-buttons	2	1	2CLA224100N1101	19,889



Type reference and description	Number of modules	Std pack	Ordering code	Unit M.R.P.(₹)
Buzzer & door bell				
IIM2BUZR BL - Buzzer	2	5/100	1SYK100001A1054	578
N2119 BL - Buzzer	1	1	2CLA211900N1101	2,566
N2219 BL - Buzzer	2	1	2CLA221900N1101	2,814
N2224 BL - Electronic door bell 230 V AC	2	1	2CLA222400N1101	11,427



Type reference and description	Number of modules	Std pack	Ordering code	Unit M.R.P.(₹)
Indicator				
IIM1INDI BL - Indicator	1	20/400	1SYK100001A1053	509



Type reference and description	Number of modules	Std pack	Ordering code	Unit M.R.P.(₹)
White plate with frame				
IIP0133 BL - 1M plate	1	15/360	1SYK100001A1071	200
IIP0233 BL - 2M plate	2	15/360	1SYK100001A1072	202
IIPP343 BL - 3M plate power	3	10/240	1SYK100001A1073	266
IIP0343 BL - 3M plate	3	10/240	1SYK100001A1074	280
IIP0453 BL - 4M plate	4	10/190	1SYK100001A1075	304
IIP0683 BL - 6M plate	6	5/120	1SYK100001A1076	498
IIP0893 BL - 8M plate	8	5/120	1SYK100001A1077	583
IIP0855 BL - 8M plate square	8	5/95	1SYK100001A1078	698
IIP1286 BL - 12M plate	12	5/95	1SYK100001A1079	872
IIP1888 BL - 18M plate	18	5/40	1SYK100001A1080	1,257

■ Stock items

IVIE complete range

IVIE mechanisms - Silver



Type reference and description	Number of modules	Std pack	Ordering code	Unit M.R.P.(₹)
Switch 6 A - 240 V ~				
IIS10610 PL - 6A 1 way switch	1	20/400	1SYK100001A1101	193
IIS10620 PL - 6A 2 way switch	1	20/400	1SYK100001A1102	331



Type reference and description	Number of modules	Std pack	Ordering code	Unit M.R.P.(₹)
Switch 10 A - 240 V ~				
IIS11010 PL 10A 1 way switch	1	20/400	1SYK100001A1109	210
IIS1101L PL 10A 1 way switch with indicator	1	20/400	1SYK100001A1112	369
IIS11020 PL 10A 2 way switch	1	20/400	1SYK100001A1110	328



Type reference and description	Number of modules	Std pack	Ordering code	Unit M.R.P.(₹)
Switch 16 A - 240 V ~				
IIS11610 PL - 16A 1 way switch	1	20/400	1SYK100001A1106	397
IIS1161L PL - 16A 1 way switch with Ind.	1	20/400	1SYK100001A1107	475



Type reference and description	Number of modules	Std pack	Ordering code	Unit M.R.P.(₹)
Switch 32 A - 240 V ~				
IIS2321L PL - 32A, DP switch	2	10/200	1SYK100001A1108	1,135



Type reference and description	Number of modules	Std pack	Ordering code	Unit M.R.P.(₹)
Bell Push - 240 V ~				
IIS106B0 PL - 6A Bell Switch	1	20/400	1SYK100001A1103	586
IIS106BL PL - 6A Bell Switch with Ind.	1	20/400	1SYK100001A1104	692
IIS206BL PL - 6A Mega bell switch with Ind.	2	10/200	1SYK100001A1105	792



Type reference and description	Number of modules	Std pack	Ordering code	Unit M.R.P.(₹)
Sockets - 240 V ~				
IIK20306 PL - 6A, 3Pin socket	2	10/200	1SYK100001A1128	368
IIK20616 PL - 6/16A socket	2	10/200	1SYK100001A1123	676



Type reference and description	Number of modules	Std pack	Ordering code	Unit M.R.P.(₹)
USB Chargers				
IIM1USBC PL 2A 1M USB Charger	1	10	1SYK100001A1160	2,793
IIM2USBC PL 3A 2M USB Charger	2	5	1SYK100001A1161	3,888



Type reference and description	Number of modules	Std pack	Ordering code	Unit M.R.P.(₹)
Blank Plates				
IIM1BLNK PL - Blank Plate	1	20/400	1SYK100001A1141	84



Type reference and description	Number of modules	Std pack	Ordering code	Unit M.R.P.(₹)
USB C Type & A+C Type chargers				
IIM1USBC PL 3A 15W 1M USB C type Charger	1	10	1SYK100001A1162	4,790
IIM2USBC PL 3A 15W 2M USB A+C type Charger	2	5	1SYK100001A1163	6,190

■ Stock items

IVIE complete range

IVIE mechanisms - Silver



1SYK100001A1142

Type reference and description	Number of modules	Std pack	Ordering code	Unit M.R.P.(₹)
Fan Regulators and Dimmers				
IIM2FR05 PL - Step fan regulator 5 step	2	5/100	1SYK100001A1142 ■	1,393
IIM1FR04 PL - Step fan regulator 4 step	1	10/200	1SYK100001A1143 ■	1,075
IIM1D400 PL - Dimmer 400 Watt	1	10/200	1SYK100001A1145	1,557



1SYK100001A1147

Type reference and description	Number of modules	Std pack	Ordering code	Unit M.R.P.(₹)
Data & Voice				
IIM1RJ11 PL - RJ11 Tel. jack 2 pin	1	20/400	1SYK100001A1147 ■	325
IIM1RJ45 PL - RJ45 Jack cat 6	1	20/400	1SYK100001A1148 ■	1,264



1SYK100001A1149

Type reference and description	Number of modules	Std pack	Ordering code	Unit M.R.P.(₹)
TV Socket				
IIM1TVSK PL - TV co-axial socket	1	20/400	1SYK100001A1149 ■	330



1SYK100001A1155

Type reference and description	Number of modules	Std pack	Ordering code	Unit M.R.P.(₹)
DND & MMR				
IIM1DNDS PL - DND and MMR set internal & external	2+3	5/100	1SYK100001A1155	2,456
N2244.5 PL - DND and MUR 2-gang interlocked switch	1	1	2CLA224450N1301	
N2180.4 PL - LED DND signaling light	2	1	2CLA218040N1301	7,998
N2180.4 BL - LED MUR signaling light	1	1	2CLA218050N1301	



2CLA221410N1301

Type reference and description	Number of modules	Std pack	Ordering code	Unit M.R.P.(₹)
Key Card Switches				
N2214.1 PL - Card switch 1-gang, 1-way, DP	2	1	2CLA221410N1301	7,612



1SYK100001A1159

Type reference and description	Number of modules	Std pack	Ordering code	Unit M.R.P.(₹)
Down Lighter				
IIM3DOWN PL - Down lighter	2	5/100	1SYK100001A1159	1,174



2CLA215520N 1301

2CLA215530N 1301



2CLA215540N 1301



2CLA215550N 1301



2CLA215560N 1301



2CLA215580N 1301

Type reference and description	Number of modules	Std pack	Ordering code	Unit M.R.P.(₹)
Audio & Video Connector				
N2155.2 PL - 2x RCA connection unit	1	1	2CLA215520N1301	
N2155.3 PL - 3x RCA connection unit	1	1	2CLA215530N1301	
N2155.4 PL - Mini-Jack connection unit	1	1	2CLA215540N1301	
N2155.5 PL - VGA connection unit	1	1	2CLA215550N1301	Upon request
N2155.6 PL - HDMI connection unit	1	1	2CLA215560N1301	
N2155.7 PL - HDMI female-female connection unit	1	1	2CLA215570N1301	
N2155.8 PL - USB connection unit	1	1	2CLA215580N1301	
N2155.9 PL - USB female-female connection unit	1	1	2CLA215590N1301	

IVIE complete range

IVIE mechanisms - Silver

Type reference and description	Number of modules	Std pack	Ordering code	Unit M.R.P.(₹)
Motion Sensor				
N2241 PL - 110° motion sensor Max. power: Incandescent: 1.800W @230V AC/1.000W @127V AC • Halogen with electronic o ferromagnetic transformer: 750VA @230V AC/400VA @127V AC - Fluorescent lamps or motors: 400VA @230V / 200VA @127Vac • For automatic switching of devices dependent on motion and brightness • With integrated selector switch for automatic ON-OFF in the front side, Switch-off delay: 10 sec to 10 min or short-time pulse 1 sec adjustable (from the front side) • Detection range: 5 m radius Adjustable light set point level for activation (from the front side) • Detection angle: 110° Mounting height: 1, 2 m Auxiliary control with N2X04.X push-buttons	2	1	2CLA224100N1301	Upon request



2CLA211900N 1301



2CLA221900N 1301

Type reference and description	Number of modules	Std pack	Ordering code	Unit M.R.P.(₹)
Buzzer & Door Bell				
IIM2BUZR PL - Buzzer	2	5/100	1SYK100001A1154	809
N2119 PL - Buzzer	1	1	2CLA211900N1301	
N2219 PL - Buzzer	2	1	2CLA221900N1301	Upon request
N2224 PL - Electronic door bell 230 V AC	2	1	2CLA222400N1301	

Type reference and description	Number of modules	Std pack	Ordering code	Unit M.R.P.(₹)
Indicator				
IIM1INDI PL - Indicator	1	20/400	1SYK100001A1153	560

Plates



1SYK100001 A1171



1SYK100001 A1172



1SYK100001A1176



1SYK100001A1177



1SYK100001A1179

Type reference and description	Number of modules	Std pack	Ordering code	Unit M.R.P.(₹)
Silver plate with frame				
IIP0133 PL - 1M plate	1	15/360	1SYK100001A1171 ■	280
IIP0233 PL - 2M plate	2	15/360	1SYK100001A1172 ■	283
IIPP343 PL - 3M plate power	3	10/240	1SYK100001A1173 ■	372
IIP0343 PL - 3M plate	3	10/240	1SYK100001A1174 ■	392
IIP0453 PL - 4M plate	4	10/190	1SYK100001A1175 ■	426
IIP0683 PL - 6M plate	6	5/120	1SYK100001A1176 ■	697
IIP0893 PL - 8M plate	8	5/120	1SYK100001A1177 ■	816
IIP0855 PL - 8M plate square	8	5/95	1SYK100001A1178	977
IIP1286 PL - 12M plate	12	5/95	1SYK100001A1179 ■	1,221
IIP1888 PL - 18M plate	18	5/40	1SYK100001A1180	1,760

■ Stock items

IVIE complete range

IVIE mechanisms - Anthracite Grey



1SYK100001A1201

Type reference and description	Number of modules	Std pack	Ordering code	Unit M.R.P.(₹)
Switch 6 A - 240 V ~				
IIS10610 AN - 6A 1 way switch	1	20/400	1SYK100001A1201 ■	193
IIS10620 AN - 6 A 2 way switch	1	20/400	1SYK100001A1202 ■	331



1SYK100001A1209

NEW

Type reference and description	Number of modules	Std pack	Ordering code	Unit M.R.P.(₹)
Switch 10 A - 240 V ~				
IIS11010 AN 10A 1 way switch	1	20/400	1SYK100001A1209 ■	210
IIS1101L AN 10A 1 way switch with indicator	1	20/400	1SYK100001A1212 ■	369
IIS11020 AN 10A 2 way switch	1	20/400	1SYK100001A1210	328



1SYK100001A1207

Type reference and description	Number of modules	Std pack	Ordering code	Unit M.R.P.(₹)
Switch 16 A - 240 V ~				
IIS11610 AN - 16A 1 way switch	1	20/400	1SYK100001A1206 ■	397
IIS1161L AN - 16A 1 way switch with ind.	1	20/400	1SYK100001A1207 ■	475



1SYK100001A1208

Type reference and description	Number of modules	Std pack	Ordering code	Unit M.R.P.(₹)
Switch 32 A - 240 V ~				
IIS2321L AN - 32A, DP switch	2	10/200	1SYK100001A1208	1,135



1SYK100001A 1203



1SYK100001A 1205

Type reference and description	Number of modules	Std pack	Ordering code	Unit M.R.P.(₹)
Bell Push - 240 V ~				
IIS106B0 AN - 6A Bell Switch	1	20/400	1SYK100001A1203	586
IIS106BL AN - 6A Bell Switch with ind.	1	20/400	1SYK100001A1204 ■	692
IIS206BL AN - 6A Mega Bell switch with ind.	2	10/200	1SYK100001A1205	792



1SYK100001A 1228



1SYK100001A 1223

Type reference and description	Number of modules	Std pack	Ordering code	Unit M.R.P.(₹)
Sockets - 240 V ~				
IIK20306 AN - 6A, 3Pin socket	2	10/200	1SYK100001A1228 ■	368
IIK20616 AN - 6/16A socket	2	10/200	1SYK100001A1223 ■	676



1SYK100001A1260

Type reference and description	Number of modules	Std pack	Ordering code	Unit M.R.P.(₹)
USB chargers				
IIM1USBC AN 2A 1M USB Charger	1	10	1SYK100001A1260 ■	2,793
IIM2USBC AN 3A 2M USB Charger	2	5	1SYK100001A1261	3,888



1SYK100001A1241

Type reference and description	Number of modules	Std pack	Ordering code	Unit M.R.P.(₹)
Blank plates				
IIM1BLNK AN - Blank plate	1	20/400	1SYK100001A1241 ■	84



1SYK100001A1263

NEW

Type reference and description	Number of modules	Std pack	Ordering code	Unit M.R.P.(₹)
USB C Type & A+C Type chargers				
IIM1USBC AN 3A 15W 1M USB C type Charger	1	10	1SYK100001A1262	4,790
IIM2USBC AN 3A 15W 2M USB A+C type Charger	2	5	1SYK100001A1263	6,190

IVIE complete range

IVIE mechanisms - Anthracite Grey



1SYK100001A1242

Type reference and description	Number of modules	Std pack	Ordering code	Unit M.R.P.(₹)
Fan regulators and Dimmers				
IIM2FR05 AN - Step fan regulator 5 step	2	5/100	1SYK100001A1242 ■	1,393
IIM1FR04 AN - Step fan regulator 4 step	1	10/200	1SYK100001A1243 ■	1,075
IIM1D400 AN - Dimmer 400 Watt	1	10/200	1SYK100001A1245	1,557



1SYK100001A1247

Type reference and description	Number of modules	Std pack	Ordering code	Unit M.R.P.(₹)
Data & Voice				
IIM1RJ11 AN - RJ11 Tel. jack 2 pin	1	20/400	1SYK100001A1247 ■	325
IIM1RJ45 AN - RJ45 Jack cat 6	1	20/400	1SYK100001A1248 ■	1,264



1SYK100001A1249

Type reference and description	Number of modules	Std pack	Ordering code	Unit M.R.P.(₹)
TV socket				
IIM1TVSK AN - TV co-axial socket	1	20/400	1SYK100001A1249 ■	330



1SYK100001A1255

Type reference and description	Number of modules	Std pack	Ordering code	Unit M.R.P.(₹)
DND & MMR				
IIM1DNDS AN - DND and MMR set internal & external	2+3	5/100	1SYK100001A1255	2,456
N2244.5 AN - DND and MUR 2-gang interlocked switch	2	1	2CLA224450N1801	
N2180.4 AN - LED MUR signaling light	1	1	2CLA218050N1801	7,998
N2180.4 AN - LED DND signaling light	1	1	2CLA218040N1801	



2CLA221410N1801

Type reference and description	Number of modules	Std pack	Ordering code	Unit M.R.P.(₹)
Key card switches				
N2214.1 AN - Card switch 1-gang, 1-way, DP	2	1	2CLA221410N1801	7,612



1SYK100001A1259

Type reference and description	Number of modules	Std pack	Ordering code	Unit M.R.P.(₹)
Down lighter				
IIM3DOWN AN - Down lighter	3	5/100	1SYK100001A1259 ■	1,174



2CLA215520N 1801



2CLA215530N 1801

Type reference and description	Number of modules	Std pack	Ordering code	Unit M.R.P.(₹)
Audio & Video Connector				
N2155.2 AN - 2x RCA connection unit	1	1	2CLA215520N1801	
N2155.3 AN - 3x RCA connection unit	1	1	2CLA215530N1801	
N2155.4 AN - Mini-Jack connection unit	1	1	2CLA215540N1801	
N2155.5 AN - VGA connection unit	1	1	2CLA215550N1801	Upon request
N2155.6 AN - HDMI connection unit	1	1	2CLA215560N1801	
N2155.7 AN - HDMI female-female connection unit	1	1	2CLA215570N1801	
N2155.8 AN - USB connection unit	1	1	2CLA215580N1801	
N2155.9 AN - USB female-female connection unit	1	1	2CLA215590N1801	



2CLA215540N 1801



2CLA215550N 1801



2CLA215560N 1801



2CLA215580N 1801

IVIE complete range

IVIE mechanisms - Anthracite Grey

Type reference and description	Number of modules	Std pack	Ordering code	Unit M.R.P.(₹)
Motion Sensor				
N2241 AN - 110° motion sensor • Max. power: Incandescent: 1.800W @230V AC/1.000W @127V AC • Halogen with electronic or ferromagnetic transformer: 750VA @230V AC/400VA @127V AC • Fluorescent lamps or motors: 400VA @230V AC/200VA @127V AC • For automatic switching of devices dependent on motion and brightness • With integrated selector switch for automatic ON-OFF in the front side • Switch-off delay: 10 sec. to 10 min. or short-time pulse 1 sec adjustable (from the front side) • Detection range: 5 m radius Adjustable light set point level for activation (from the front side) • Detection angle: 110° Mounting height: 1, 2 m auxiliary control with N2X04.X push-buttons	2	1	2CLA224100N1801	Upon request

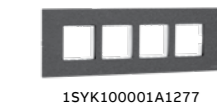


Type reference and description	Number of modules	Std pack	Ordering code	Unit M.R.P.(₹)
Buzzer & Door Bell				
IM2BUZR AN - Buzzer	2	5/100	1SYK100001A1254	809
N2119 AN - Buzzer	1	1	2CLA211900N1801	Upon request
N2219 AN - Buzzer	2	1	2CLA221900N1801	
N2224 AN - Electronic door bell 230 V AC	2	1	2CLA222400N1801	

Type reference and description	Number of modules	Std pack	Ordering code	Unit M.R.P.(₹)
Indicator				
IIM1INDI AN - Indicator	1	20/400	1SYK100001A1253	560



Type reference and description	Number of modules	Std pack	Ordering code	Unit M.R.P.(₹)
Anthracite plate with frame				
IIP0133 AN - 1M plate	1	15/360	1SYK100001A1271 ■	280
IIP0233 AN - 2M plate	2	15/360	1SYK100001A1272 ■	283
IIPP343 AN - 3M plate power	3	10/240	1SYK100001A1273 ■	372
IIP0343 AN - 3M plate	3	10/240	1SYK100001A1274 ■	392
IIP0453 AN - 4M plate	4	10/190	1SYK100001A1275 ■	426
IIP0683 AN - 6M plate	6	5/120	1SYK100001A1276 ■	697
IIP0893 AN - 8M plate	8	5/120	1SYK100001A1277 ■	816
IIP0855 AN - 8M plate square	8	5/95	1SYK100001A1278	977
IIP1286 AN - 12M plate	12	5/95	1SYK100001A1279 ■	1,221
IIP1888 AN - 18M plate	18	5/40	1SYK100001A1280	1,760



■ Stock items

IVIE complete range

Metal flush boxes

Type reference and description	Number of modules	Std pack	Ordering code	Unit M.R.P.(₹)
Metal flush boxes				
Flush boxes				
Metal Box 1-2M - CMBZ3302*	1/2	108	1SYN880452R0001 ■	163
Metal Box 3M - CMBZ4303*	3	82	1SYN880453R0001 ■	169
Metal Box 4-5M - CMBZ5305*	4	60	1SYN880454R0001 ■	214
Metal Box 6M - CMBZ8306*	6	40	1SYN880463R0001 ■	351
Metal Box 8M - CMBZ9308*	8	39	1SYN880464R0001 ■	486
Metal Box 8MV - CMBZ5508V*	8	26	1SYN880456R0001 ■	455
Metal Box 12M - CMBZ8612*	12	16	1SYN880465R0001 ■	532
Metal Box 18M - CMBZ8824*	18	10	1SYN880462R0001 ■	843



Metal flush boxes

NEW

- New locking design form front and bottom for more strength
- Strengthening profile change to more strength of box
- New finish
- Knock out for conduit pipe entry from any direction (Top, Bottom, Side and Back)
- Possible to break open knockout without any special tool
- Optimized packaging quantity

Type reference and description	Number of modules	Std pack	Ordering code	Unit M.R.P.(₹)
Metal flush boxes				
Flush boxes				
Metal Box 1-2M - NM CMBZ3302*	1/2	40	1SYN890452R0001 ■	147
Metal Box 3M - NM CMBZ4303*	3	40	1SYN890453R0001 ■	152
Metal Box 4-5M -NM CMBZ5305*	4	40	1SYN890454R0001 ■	194
Metal Box 6M -NM CMBZ8306*	6	20	1SYN890463R0001 ■	298
Metal Box 8M -NM CMBZ9308*	8	20	1SYN890464R0001 ■	414
Metal Box 12M -NM CMBZ8612*	12	10	1SYN890465R0001 ■	479



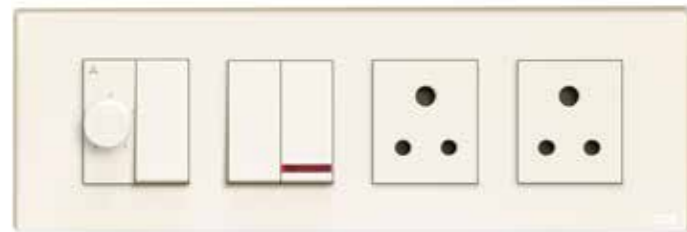
*Not suitable for MIVAN

■ Stock items

Tvisha

Switch on simplicity

Tvisha is a range of wiring accessories with simple flat surface design that creates a trend on the wall with its elegant Euro white finish. The range covers a large variety of functionalities that caters to most of the applications beyond the normal switching functions like USB chargers, HDMI ports, communication sockets, foot lamps and dimmers. Tvisha is ideal for residential and commercial requirements.



- Plastic parts which hold current carrying parts are made of PA6 20% glass filled rating upto 16A
- All switches are marked with IS 3854:1997
- Terminals are designed in such a way that wire is tightened without damage
- All fan Regulators are marked with IS 11037:2019
- Bi-metal silver contact tips for less spark and longer life
- 6A & 6/16A marked with IS 1293, up to 16A
- Non-flammable thermoplastic resin parts and a very high insulating resistance after humidity test

Tvisha

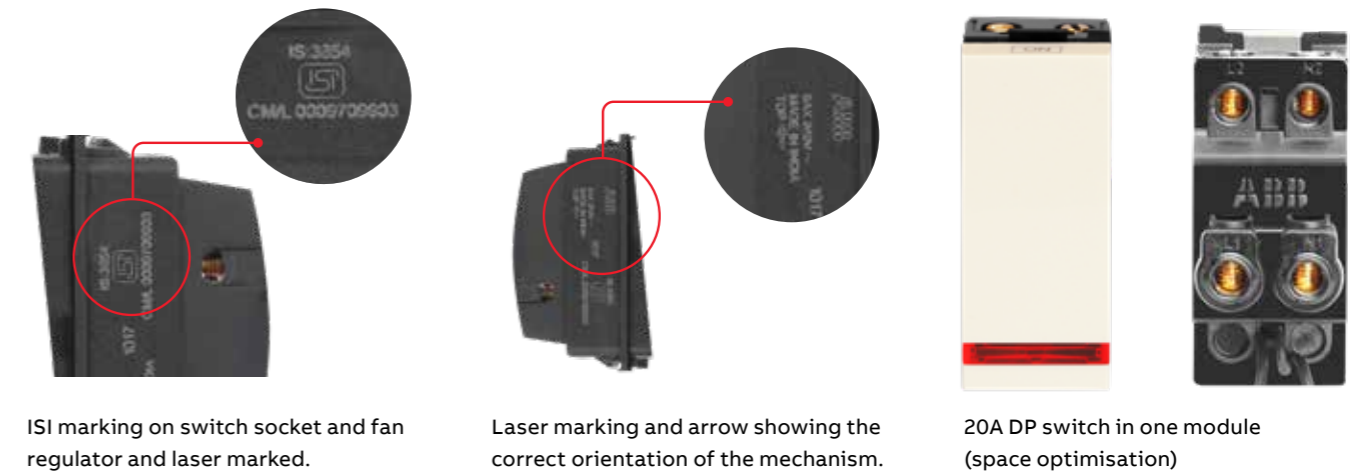
Features and benefits



Internal arc shield provided in switch mechanism

Terminal screws with Combihead for star /flat screw drivers.

Easy terminal accessibility by top entry to load connection.



ISI marking on switch socket and fan regulator and laser marked.

Laser marking and arrow showing the correct orientation of the mechanism.

20A DP switch in one module (space optimisation)



**1,00,000
On/Off Tested**



**Switches with
internal arc shield**



**ISI marking Switch /
Socket / Regulator**

ABB Tvisha

Features and benefits



Large variety of sockets, equipped with shutters for increased safety.



Universal regulator with 360 degree rotation.



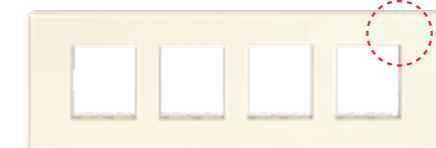
6/16A sockets are equipped with dual shutters which can take two pin plugs.

ABB Tvisha

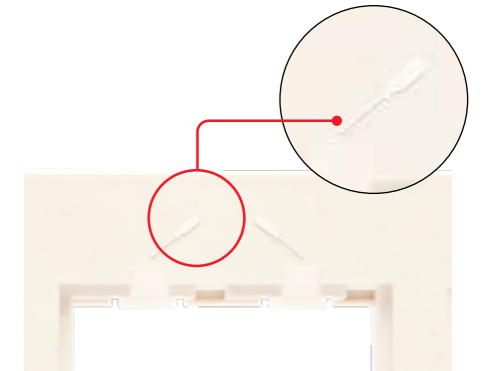
Features and benefits



Mounting screws press fitted on the screw holder on inner frame to avoid losing the screws.



Two module partition is provided for sturdiness with extra ribs to ensure better strength of the frame and overlap of plugs.



Visual signs provided in inner grids to guide proper fitment for easy installation and easy removal during fitment of mechanism with inner grid.



HDMI modular ports equipped with female connector for easy termination.



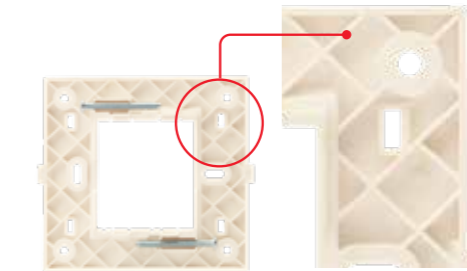
USB charger current rating 1A and 2A, visible LED indication, Dual color LED indication for on load & without load operation.



Communication mechanisms – RJ-11, RJ-45 cat6. Self-moving shutter to screen the jack when it is not in use.



USB charger current rating 3A 15W USB C type 1M and 3A 15W USB A+C type 2M for on load & without load operation.



Resin frame with extra ribs provides better mechanical strength, insulation resistance and corrosion proof.



ABB warranty policy for Tvisha range

- 10 years for mechanical switches and sockets
- Two year for electronic devices



Switches current carrying parts are made of PA6 20% glass filled



Knobs with 360° rotation



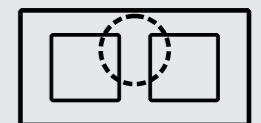
Socket with separate shutter



ROHS compliance



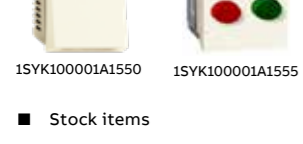
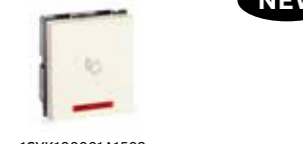
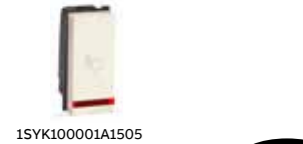
Ease of installation



Frame with partition

Tvisha

Switches, sockets, plates and accessories



Switches

Item description	Number of modules	Std pack	Ordering code	Unit M.R.P.(₹)
ITS10610 BL 6A 1 way switch	1 M	20/400	1SYK100001A1501 ■	144
ITS1061L BL 6A 1 way switch with Ind.	1 M	20/400	1SYK100001A1502	265
ITS10620 BL 6A 2 way switch	1 M	20/400	1SYK100001A1503 ■	234
ITS106B0 BL 6A Bell switch	1 M	20/400	1SYK100001A1504 ■	254
ITS106BL BL 6A Bell switch with Ind.	1 M	20/400	1SYK100001A1505 ■	354
ITS11010 BL 10A 1 way switch	1 M	20/400	1SYK100001A1513 ■	152
ITS1101L BL 10A 1 way switch with Ind.	1 M	20/400	1SYK100001A1514 ■	267
ITS11020 BL 10A 2 way switch	1 M	20/400	1SYK100001A1515	238
ITS11610 BL 16A 1 way switch	1 M	20/400	1SYK100001A1506 ■	273
ITS1161L BL 16A 1 way switch with Ind.	1 M	20/400	1SYK100001A1507 ■	334
ITS1201L BL 20A DP Switch 1 way with Ind.	1 M	20/400	1SYK100001A1508 ■	768
ITS206BL BL 6A Bell Mega switch with Ind.	2 M	10/200	1SYK100001A1509 ■	454
ITS2062L BL 6A 2 way Mega switch with Ind.	2 M	10/200	1SYK100001A1510	546
ITS2162L BL 16A 2 way Mega switch with Ind.	2 M	10/200	1SYK100001A1511	574
ITS2321L BL 32A 1 Way DP Mega switch with Ind.	2 M	10/200	1SYK100001A1512 ■	720

Sockets

Item description	Number of modules	Std pack	Ordering code	Unit M.R.P.(₹)
ITK20306 BL N 6A 3Pin Socket	2 M	10/200	1SYK100001A1529 ■	235
ITK20616 BL 6/16A Socket	2 M	10/200	1SYK100001A1523 ■	439

Type reference and description	Number of modules	Std pack	Ordering code	Unit M.R.P.(₹)
USB C Type & A+C Type chargers				
ITM1USBC BL 3A 15W 1M USB C type Charger	1 M	10	1SYK100001A1558	3,990
ITM2USBC BL 3A 15W 2M USB A+C type Charger	2 M	5	1SYK100001A1559	4,990

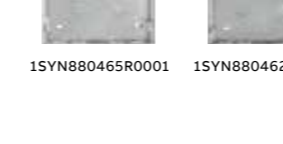
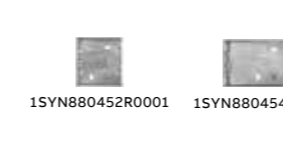
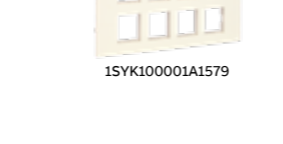
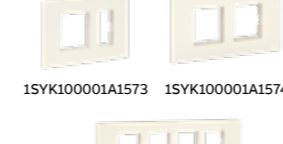
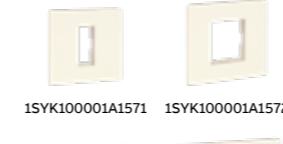
Support accessories

Item description	Number of modules	Std pack	Ordering code	Unit M.R.P.(₹)
ITM1BLNK BL Blank plate	1 M	20/400	1SYK100001A1541 ■	58
ITM2FR05 BL Fan regulator 5 step	2 M	5/100	1SYK100001A1542 ■	993
ITM1FR04 BL Fan regulator 4 step	1 M	10/200	1SYK100001A1543 ■	734
ITM1RJ11 BL RJ 11TEL 2 Pin	1 M	20/400	1SYK100001A1544 ■	225
ITM1RJ45 BL RJ 45 Jack CAT 6	1 M	20/400	1SYK100001A1545 ■	906
ITM1TVSK BL TV socket	1 M	20/400	1SYK100001A1546 ■	232
ITM1FLEX BL Flex outlet	1 M	20/400	1SYK100001A1547	214
ITM2LDFL BL LED foot lamp	2 M	20/400	1SYK100001A1550 ■	733
ITM1INDI BL Indicator	1 M	20/400	1SYK100001A1551 ■	399
ITM1USBC BL 2A 1M USB Charger	1 M	10/200	1SYK100001A1557 ■	1,985
ITM2USBC BL USB charger 2A	2 M	10/200	1SYK100001A1553	2,647
ITM1HDMI BL HDMI Port 2.0	1 M	5/100	1SYK100001A1554	2,262
ITM1D400 BL Dimmer 400W	1 M	20/400	1SYK100001A1548	1,100
ITM2D1000 BL Dimmer 1000W	2 M	20/400	1SYK100001A1549	1,393
ITM2MS20 BL Single Phase Starter 20A	2 M	10/60	1SYK100001A1555	1,314
ITM2MS25 BL Single Phase Starter 25A	2 M	10/60	1SYK100001A1556 ■	1,428

■ Stock items

Tvisha

Switches, sockets, plates and accessories



Plates

Item description	Number of modules	Std pack	Ordering code	Unit M.R.P.(₹)
ITP0133 BL 1 M Plate	1 M	15/360	1SYK100001A1571 ■	154
ITP0233 BL 2 M Plate	2 M	15/360	1SYK100001A1572 ■	154
ITPP343 BL 3 M Plate power	3 M	10/240	1SYK100001A1573 ■	200
ITP0453 BL 4 M Plate	4 M	10/190	1SYK100001A1574 ■	218
ITP0683 BL 6 M Plate	6 M	5/120	1SYK100001A1575 ■	351
ITP0893 BL 8 M Plate	8 M	5/120	1SYK100001A1576 ■	404
ITP0855 BL 8 M Plate square	8 M	5/95	1SYK100001A1577 ■	521
ITP1286 BL 12 M Plate	12 M	5/95	1SYK100001A1578 ■	669
ITP1696 BL 16M Plate	16 M	5/50	1SYK100001A1579 ■	750
ITP1888 BL 18M Plate	18 M	5/40	1SYK100001A1580 ■	901

Metal flush boxes

Type reference and description	Number of modules	Std pack	Ordering code	Unit M.R.P.(₹)
Flush boxes				
Metal Box 1-2M - CMBZ3302*	1/2	108	1SYN880452R0001 ■	163
Metal Box 3M - CMBZ4303*	3	82	1SYN880453R0001 ■	169
Metal Box 4-5M - CMBZ5305*	4	60	1SYN880454R0001 ■	214
Metal Box 6M - CMBZ8306*	6	40	1SYN880463R0001 ■	351
Metal Box 8M - CMBZ9308*	8	39	1SYN880464R0001 ■	486
Metal Box 8MV - CMBZ5508V*	8	26	1SYN880456R0001 ■	455
Metal Box 12M - CMBZ8612*	12	16	1SYN880465R0001 ■	532
Metal Box 16M - CMBZ9616*	16	15	1SYN880466R0001 ■	701
Metal Box 18M - CMBZ8824*	18	10	1SYN880462R0001 ■	843

Metal flush boxes

NEW

- New locking design form front and bottom for more strength
- Strengthening profile change to more strength of box
- New finish
- Knock out for conduit pipe entry from any direction (Top, Bottom, Side and Back)
- Possible to break open knockout without any special tool
- Optimized packaging quantity

Metal flush boxes

Type reference and description	Number of modules	Std pack	Ordering code	Unit M.R.P.(₹)
Flush boxes				
Metal Box 1-2M - NM CMBZ3302*	1/2	40	1SYN890452R0001 ■	147
Metal Box 3M - NM CMBZ4303*	3	40	1SYN890453R0001 ■	152
Metal Box 4-5M -NM CMBZ5305*	4	40	1SYN890454R0001 ■	194
Metal Box 6M -NM CMBZ8306*	6	20	1SYN890463R0001 ■	298
Metal Box 8M -NM CMBZ9308*	8	20	1SYN890464R0001 ■	414
Metal Box 12M -NM CMBZ8612*	12	10	1SYN890465R0001 ■	479

*Not suitable for MIVAN

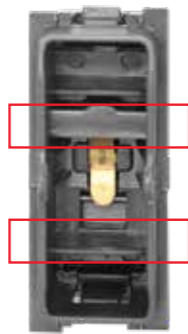
■ Stock items

ABB Tvisha raw white

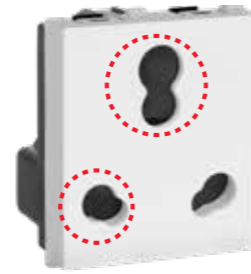
Features and benefits



Internal arc shield provided in switch mechanism



PA6 + 20% glass, spark free - fully enclosed, 100% stable moving contact



6/16A sockets are equipped with dual shutters which can take two pin plugs.



Large variety of sockets, equipped with shutters for increased safety.



Universal regulator with 360 degree rotation.



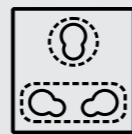
USB charger current rating 2A and 3A, visible LED indication, Dual color LED indication for on load & without load operation.



Switches current carrying parts are made of PA6 20% glass filled



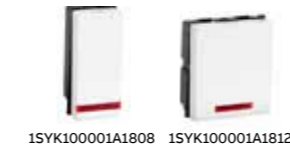
Knobs with 360° rotation



Socket with separate shutter

Tvisha (Raw white)

Wiring accessories



Switches

Item description	Number of modules	Std pack	Ordering code	Unit M.R.P. (₹)
ITS10610 RW 6A 1 way switch	1 M	20	1SYK100001A1801	152
ITS1061L RW 6A 1 way switch with Ind.	1 M	20	1SYK100001A1802	281
ITS10620 RW 6A 2 way switch	1 M	20	1SYK100001A1803	247
ITS106B0 RW 6A Bell Switch	1 M	20	1SYK100001A1804	269
ITS106BL RW 6A Bell Switch with Ind.	1 M	20	1SYK100001A1805	375
ITS11610 RW 16A 1 way switch	1 M	20	1SYK100001A1806	290
ITS1161L RW 16A 1 way switch with Ind.	1 M	20	1SYK100001A1807	354
ITS1201L RW 20A DP Switch 1 way with Ind.	1 M	20	1SYK100001A1808	814
ITS206BL RW 6A Bell Mega Switch with Ind.	2 M	10	1SYK100001A1809	481
ITS2062L RW 6A 2 way Mega Switch with Ind	2 M	10	1SYK100001A1810	579
ITS2162L RW 16A 2 way Mega Switch with Ind	2 M	10	1SYK100001A1811	609
ITS2321L RW 32A 1 Way DP Mega Switch with Ind.	2 M	10	1SYK100001A1812	814

Sockets

Item description	Number of modules	Std pack	Ordering code	Unit M.R.P. (₹)
ITK20306 RW N 6A 3 Pin Socket	2 M	10	1SYK100001A1829	249
ITK20616 RW 6/16A Socket	2 M	10	1SYK100001A1823	465

Type reference and description	Number of modules	Std pack	Ordering code	Unit M.R.P. (₹)
USB C Type & A+C Type chargers				
ITM1USBC RW 3A 15W 1M USB C type Charger	1 M	10	1SYK100001A1858	4,010
ITM2USBC RW 3A 15W 2M USB A+C type Charger	2 M	5	1SYK100001A1859	5,010

Support accessories

Item description	Number of modules	Std pack	Ordering code	Unit M.R.P. (₹)
ITM1BLNK RW Blank Plate	1 M	20	1SYK100001A1841	62
ITM2FR05 RW Fan Regulator 5 Step	2 M	5	1SYK100001A1842	1,054
ITM1FR04 RW Fan Regulator 4 Step	1 M	10	1SYK100001A1843	777
ITM1RJ11 RW RJ 11TEL 2 Pin	1 M	20	1SYK100001A1844	238
ITM1RJ45 RW RJ 45 Jack CAT 6	1 M	20	1SYK100001A1845	961
ITM1TVSK RW TV Socket	1 M	20	1SYK100001A1846	246
ITM1FLEX RW Flex outlet	1 M	20	1SYK100001A1847	226
ITM1D400 RW Dimmer 400W	1 M	10	1SYK100001A1848	1,167
ITM2D1000 RW Dimmer 1000W	2 M	5	1SYK100001A1849	1,477
ITM2LDL RW LED Foot Lamp	2 M	5	1SYK100001A1850	777
ITM1INDI RW Indicator	1 M	10	1SYK100001A1851	395
ITM1USBC RW 2A 1M USB Charger	1 M	20	1SYK100001A1857	1,985
ITM1HDMI RW HDMI Port 2.0	1 M	20	1SYK100001A1854	2,397
ITM2MS20 RW Motor Starter 20A	2 M	10	1SYK100001A1855	1,392
ITM2MS25 RW Motor Starter 25A	2 M	10	1SYK100001A1856	1,514

Tvisha (Raw white)

Wiring accessories

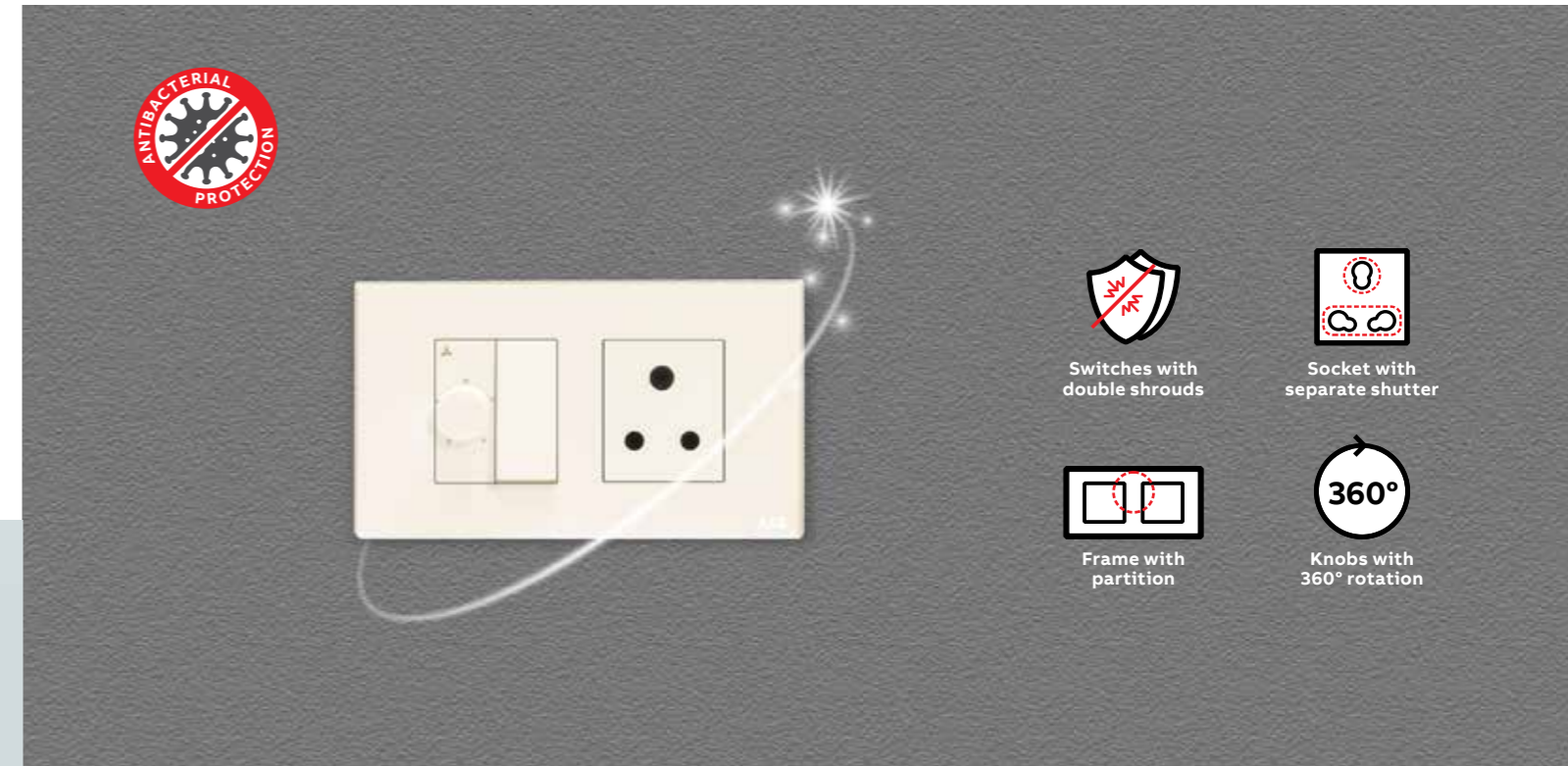


Plates

Item description	Number of modules	Std pack	Ordering code	Unit M.R.P. (₹)
ITP0133 RW 1 M Plate	1 M	15	15YK100001A1871	163
ITP0233 RW 2 M Plate	2 M	15	15YK100001A1872	163
ITPP343 RW 3 M Plate Power	3 M	10	15YK100001A1873	212
ITP0453 RW 4 M Plate	4 M	10	15YK100001A1874	232
ITP0683 RW 6 M Plate	6 M	5	15YK100001A1875	372
ITP0893 RW 8 M Plate	8 M	5	15YK100001A1876	428
ITP0855 RW 8 M Plate Square	8 M	5	15YK100001A1877	551
ITP1286 RW 12 M Plate	12 M	5	15YK100001A1878	709
ITP1696 RW 16M Plate	16 M	5	15YK100001A1879	795
ITP1888 RW 18M Plate	18 M	5	15YK100001A1880	954

Tvisha

Anti-bacterial range



*Ordering codes and prices on request

Busch-Presence detectors

Energy saving the easy way



Busch-Presence detectors

Energy saving the easy way

Presence detectors automatically detect the presence of someone inside the room. Their precision is far superior to that of conventional movement detectors. Not only lighting systems but heating systems and air-conditioning systems can be controlled intelligently and efficiently with presence detectors. Empty rooms in which the lights are on and the air-conditioning runs at full power are now history. There is one presence detector for each need.



Office single



Office open plan /
with or without windows



Gym
Sport facilities



Toilets



6818 U-500

Description	Type	Ordering code	L.P. (₹)
Busch-Watchdog Presence tech BasicLINE mini - 6 Metres For switching lighting systems that depend on brightness and movement. Ceiling installation using integrated spring bracket. Switch-off delay: approx. 1 sec - 15 min or short-time pulse adjustable.	6811 EB-500	2CKA006800A2517	7,890
Busch-Watchdog Presence tech BasicLINE - 8 Metres For switching lighting systems that depend on brightness and movement. For semi automatic and fully automatic operation. Ceiling installation using integrated spring bracket. Switch-off delay: approx. 5 sec - 30 min or short-time pulse adjustable.	6814 U-500	2CKA006800A2518	6,840
Busch-Watchdog Presence tech BasicLINE Corridor - 24 Metres For switching lighting systems that depend on brightness and movement. Ceiling installation using included dust protection socket. Switch-off delay: approx. 10 sec - 30 min or short-time pulse adjustable. Remote control possible via IR service remote control 6843. Use outdoors possible due to combination with surface mounted housing 6888.	6818 U-500	2CKA006800A2519	14,580
Surface-mounting box - 6818U For Busch-Watchdog Presence tech BasicLINE Corridor 6818 U-500. For surface mounting and increase of the protection type. Protection class (Device): IP 54	6888	2CKA006899A2305	2,800

Busch-Presence detectors

Energy saving the easy way



6817/32-24-500

Description	Type	Ordering code	L.P. (₹)
Presence Comp. e-contact - 8 Metres Master presence detector with mixed light measurement. For switching lighting systems that depend on brightness and movement. Detection range (for installation height of 3 m): circular: Seated persons: up to Ø 6,5 m, walking persons: up to Ø 8 m. Ceiling installation using integrated spring bracket. Switch-off delay: approx. 1 min - 30 min or short-time pulse adjustable. Remote control possible via IR service remote control 6843. Suitable for false ceilings with a board thickness from 9 to 25 mm.	6817/62-24-500	2CKA006800A2737	27,410
Presence Uni. e-contact - 12 Metres Master presence detector with mixed light measurement. For switching lighting systems that depend on brightness and movement. Detection range (for installation height of 3 m): circular: Seated persons: up to Ø 10 m, walking persons: up to Ø 12 m. Ceiling installation using integrated spring bracket. Switch-off delay: approx. 1 min - 30 min or short-time pulse adjustable. Remote control possible via IR service remote control 6843. Suitable for false ceilings with a board thickness from 9 to 25 mm.	6817/32-24-500	2CKA006800A2739	32,770
Presence Uni. Bluetooth e-contact - 12 Metres Master presence detector with mixed light measurement. For switching lighting systems that depend on brightness and movement. Detection range (for installation height of 3 m): circular: Seated persons: up to Ø 10 m, walking persons: up to Ø 12 m. Ceiling installation using integrated spring bracket. Switch-off delay: approx. 1 min - 30 min or short-time pulse adjustable. With selectable dynamic switch-off delay. Suitable for false ceilings with a board thickness from 9 to 25 mm.	6817/33-24-500	2CKA006800A2743	36,240

Description	Type	Ordering code	L.P. (₹)
Presence Comp. rel - 8 Meters Master presence detector with mixed light measurement. For switching lighting systems that depend on brightness and movement. With power relays for LED operation. Detection range (for installation height of 3 m): circular Seated persons: up to Ø 6.5 m, walking persons: up to Ø 8 m.	6819/60-24-500	2CKA006800A2733	25,590
Presence Uni. Rel - 12 Meters Master presence detector with mixed light measurement. For switching lighting systems that depend on brightness and movement. With power relays for LED operation. Detection range (for installation height of 3 m): circular Seated persons: up to Ø 10 m, walking persons: up to Ø 12 m.	6819/30-24-500	2CKA006800A2735	31,200
Presence Uni. rel. Bluetooth - 12 Metres Master presence detector with mixed light measurement. For switching lighting systems that depend on brightness and movement. With Bluetooth interface for parameterization and operation. Adjustment of all setting options via smartphone or tablet. Light control via smartphone or tablet app. With power relays for LED operation. Detection range (for installation height of 3 m): circular Seated persons: up to Ø 10 m, walking persons: up to Ø 12 m.	6819/31-24-500	2CKA006800A2741	35,340
Presence Corr. rel. Bluetooth - 20 Metres Master presence detector with mixed light measurement. For switching lighting systems that depend on brightness and movement. With Bluetooth interface for parameterization and operation. Adjustment of all setting options via smartphone or tablet. Light control via smartphone or tablet app. With power relays for LED operation. Detection range (for installation height of 3 m): rectangular Walking persons: crosswise to the detector 30 m x 3 m, frontal 20 m x 3 m. Extension of the detection range by means of master/slave combination. Mounting height 27 mm.	6819/51-24-500	2CKA006800A2745	45,600
Presence Uni. DALI Bluetooth -12 Metres Master presence detector with mixed light measurement. For regulating and switching of DALI operating devices that depend on brightness and movement. Suitable for up to 45 DALI operating devices. Detection range (for installation height of 3 m): circular Seated persons: up to Ø 10 m, walking persons: up to Ø 12 m.	6819/35-24-500	2CKA006800A2747	44,030

6819/51-24-500

Busch-Presence detectors

Energy saving the easy way



6819/50-24-500



6819/39-24-500



2069/21



2069/11-84

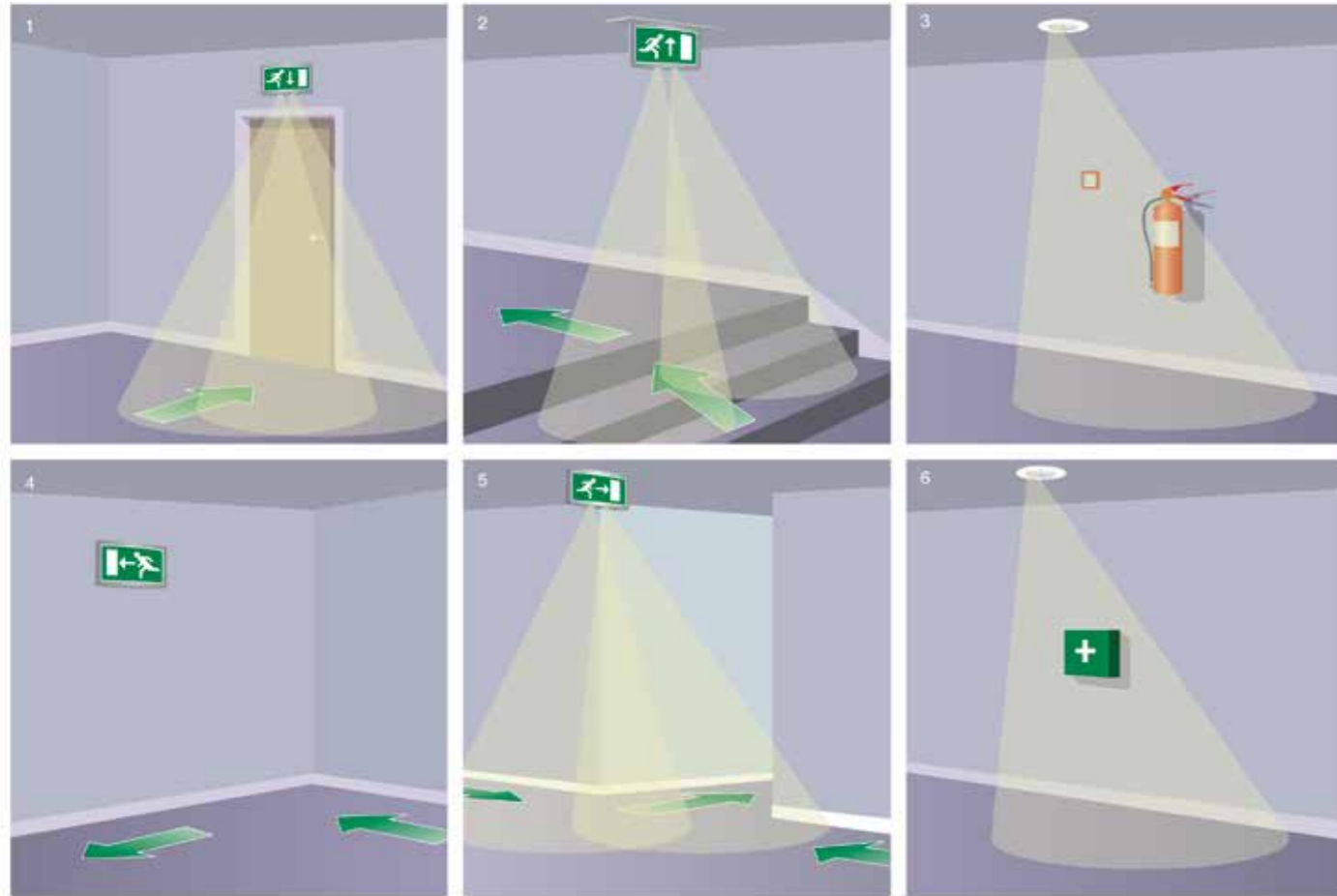
Description	Type	Ordering code	L.P. (₹)
Presence Corr. DALI Bluetooth - 30 Metres Master presence detector with mixed light measurement. For regulating and switching of DALI operating devices that depend on brightness and movement. . Detection range (for installation height of 3 m): rectangular Walking persons: crosswise to the detector 30 m x 3 m, frontal 20 m x 3 m.	6819/55-24-500	2CKA006800A2749	59,450
Presence Comp. Slave - 8 Metres Slave presence detector for extension of the detection range of master presence detectors. Detection range (for installation height of 3 m): circular Seated persons: up to Ø 6.5 m, walking persons: up to Ø 8 m. Visible height 23 mm.	6819/68-24-500	2CKA006800A2751	20,470
Presence Uni. Slave - 8 Metres Slave presence detector for extension of the detection range of master presence detectors. Detection range (for installation height of 3 m): circular Seated persons: up to Ø 10 m, walking persons: up to Ø 12 m. Visible height 23 mm.	6819/38-24-500	2CKA006800A2753	24,970
Presence Corr. Slave - 30 Metres Slave presence detector for extension of the detection range of master presence detectors. Detection range (for installation height of 3 m): rectangular Walking persons: crosswise to the detector 24 m x 3 m, frontal/lengthways to the detector 14 m x 3 m.	6819/58-24-500	2CKA006800A2755	33,700
Presence Uni. DALI Slave - 12 Metres DALI slave presence detector for extension of the detection range of DALI master presence detectors. For the supply of operating voltage via the DALI master. Power consumption on the DALI bus: max. 10 mA, corresponds to approx. 5 DALI operating devices. Detection range (for installation height of 3 m): circular Seated persons: up to Ø 10 m, walking persons: up to Ø 12 m. Visible height 23 mm.	6819/39-24-500	2CKA006800A2759	32,460
Presence Corr. DALI Slave - 30 Metres DALI slave presence detector for extension of the detection range of DALI master presence detectors. For the supply of operating voltage via the DALI master. Detection range (for installation height of 3 m): rectangular Walking persons: crosswise to the detector 24 m x 3 m, frontal/lengthways to the detector 14 m x 3 m. Mounting height 27 mm.	6819/59-24-500	2CKA006800A2761	33,700
Presence Corr. Rel - 30 Metres Master presence detector with mixed light measurement. For switching lighting systems that depend on brightness and movement. With power relays for LED operation. Detection range (for installation height of 3 m): rectangular Walking persons: crosswise to the detector 24 m x 3 m, frontal/lengthways to the detector 14 m x 3 m. Switch-off delay: approx. 1 min. - 30 min. or short-time pulse adjustable.	6819/50-24-500	2CKA006800A2797	42,130
IceLight set ceiling module, Busch-iceLight Consisting of LED/FM insert, power module (neutral white) 2067/12 U. Consisting of ceiling module, one light direction 2068/21. For ambient lightning. Light outlet downward. Not dimmable. Light intensity can be switched between 100% and 25% using front service switch. Colour temperature: 4,000 K (neutral white) System power consumption: 5 W Rated voltage: 230 V~, + 10% / - 10% Current consumption of LED: 350 mA (secondary) Secondary: SELV	2069/21	2CKA001510A0018	46,140
IceLight Night light set, studio white, Busch-iceLight Complete set consists flush-mounted LED insert Night light (cold white) 2067/14 U. Wall module with one lighting direction, design future® linear 2068/11-84. Cover frame design future® linear 1721-184K. With one lighting direction. Not dimmable. For low brightness (night light). Colour temperature 6,500 K (cold white) System power consumption: 0.15 W Rated voltage: 230 V~, + 10% / - 10% Current consumption of LED: 40 mA (secondary) Secondary: SELV	2069/11-84	2CKA001510A0015	22,930

Emergency lighting systems

Exit sign, light and battery system

The requirement for emergency lighting originates from the Fire Precautions Act, 1971 and was further enforced by the Fire Precautions (Workplace) Regulations, 1997 (Amended 1999).

The Emergi-Lite concept is clear and simple. Emergi-Lite offers you reliable total solutions for safe evacuation. The way in which we do this is what makes the difference. Emergi-Lite offers advantages to everybody involved in the construction process. That way, you know that Emergi-Lite is always the right choice, for both you and your customers.



Tmax power distribution circuit breakers

XT1

Breaking capacity at 415VAC

	Icu	Ics (Icu)
B	18kA	100%
C	25kA	100%
N	36kA	100%
S	50kA	75%
H	70kA	50%

TMD	Frame	In (A)	Poles	B		C		N	
				Ordering code	L.P.(₹)	Ordering code	L.P.(₹)	Ordering code	L.P.(₹)
XT1 160	16			1SDA066799R1		1SDA080825R1		1SDA080827R1	
	20			1SDA066800R1		1SDA080826R1		1SDA080828R1	
	25			1SDA066801R1		1SDA067391R1		1SDA080829R1	
	32			1SDA066802R1		1SDA067392R1		1SDA067411R1	
	40			1SDA066803R1 ■	10,360	1SDA067393R1 ■	11,510	1SDA067412R1 ■	14,900
	50		3	1SDA066804R1 ■		1SDA067394R1 ■		1SDA067413R1 ■	
	63			1SDA066805R1 ■		1SDA067395R1 ■		1SDA067414R1 ■	
	80			1SDA066806R1 ■		1SDA067396R1 ■		1SDA067415R1 ■	
	100			1SDA066807R1 ■		1SDA067397R1 ■		1SDA067416R1 ■	
	125			1SDA066808R1 ■	15,710	1SDA067398R1 ■	18,000	1SDA067417R1 ■	19,930
	160			1SDA066809R1 ■	17,350	1SDA067399R1 ■	23,140	1SDA067418R1 ■	25,920
	16			1SDA066810R1		1SDA080840R1		1SDA080842R1	
	20			1SDA066811R1		1SDA080841R1		1SDA080843R1	
	25			1SDA066812R1		1SDA067400R1		1SDA080844R1 ■	
	32			1SDA066813R1 ■		1SDA067401R1 ■		1SDA067419R1 ■	
	40			1SDA066814R1 ■	14,410	1SDA067402R1 ■	16,510	1SDA067420R1 ■	19,070
50		4	1SDA066815R1		1SDA067403R1 ■		1SDA067421R1		
63			1SDA066816R1 ■		1SDA067404R1 ■		1SDA067422R1 ■		
80			1SDA066817R1 ■		1SDA067405R1 ■		1SDA067423R1 ■		
100			1SDA066818R1 ■		1SDA067406R1 ■		1SDA067424R1 ■		
125			1SDA066888R1 ■	19,010	1SDA067409R1 ■	21,740	1SDA067427R1 ■	25,040	
160			1SDA066821R1 ■	24,110	1SDA067410R1 ■	28,020	1SDA067428R1 ■	30,620	

TMD / TMF*	Frame	In (A)	Poles	S		H	
				Ordering code	L.P.(₹)	Ordering code	L.P.(₹)
XT1 160	16			1SDA080830R1*		1SDA080835R1*	
	20			1SDA080831R1*		1SDA080836R1*	
	25			1SDA080832R1		1SDA080837R1	
	32			1SDA080833R1 ■		1SDA080838R1	
	40			1SDA080834R1 ■	15,530	1SDA080839R1	18,440
	50		3	1SDA067431R1		1SDA067449R1	
	63			1SDA067432R1 ■		1SDA067450R1	
	80			1SDA067433R1 ■		1SDA067451R1	
	100			1SDA067434R1 ■		1SDA067452R1	
	125			1SDA067435R1 ■	21,940	1SDA067453R1	27,880
	160			1SDA067436R1 ■	26,910	1SDA067454R1	31,810
	16			1SDA080845R1*		1SDA080850R1*	
	20			1SDA080846R1*		1SDA080851R1*	
	25			1SDA080847R1		1SDA080852R1	
	32			1SDA080848R1		1SDA080853R1	
	40			1SDA080849R1	22,710	1SDA080854R1	25,600
50		4	1SDA067439R1		1SDA067457R1		
63			1SDA067440R1 ■		1SDA067458R1		
80			1SDA067441R1		1SDA067459R1		
100			1SDA067442R1 ■		1SDA067460R1		
125			1SDA067445R1 ■	27,800	1SDA067463R1	32,970	
160			1SDA067446R1	31,000	1SDA067464R1	34,860	

*TMF trip unit

■ Stock items



Tmax power distribution circuit breakers

Protection: TMD/TMA-3Pole

XT3

Breaking capacity at 415VAC

	Icu	Ics(Icu)
N	36kA	75%
S	50kA	50%

TMD			N		S	
Frame	In (A)	Poles	Ordering code	L.P.(₹)	Ordering code	L.P.(₹)
XT3 250	200	3	1SDA068058R1 ■	28,610	1SDA068220R1 ■	31,670
	250		1SDA068059R1 ■	33,210	1SDA068221R1 ■	35,220

XT2/XT4/T5/T6

Breaking capacity at 415VAC

	Icu	Ics (Icu)
N	36kA	100%
S	50kA	100%
H	70kA	100%



TMD / TMA*		N		S		H	
Frame	In (A)	Ordering code	L.P.(₹)	Ordering code	L.P.(₹)	Ordering code	L.P.(₹)
XT2160	1.6	1SDA067000R1		1SDA067540R1		1SDA067584R1	
	2	1SDA067001R1		1SDA067541R1		1SDA067585R1	
	2.5	1SDA067002R1		1SDA067542R1		1SDA067586R1	
	3.2	1SDA067003R1		1SDA067543R1		1SDA067587R1	
	4	1SDA067004R1	18,030	1SDA067544R1	20,150	1SDA067588R1	27,350
	5	1SDA067005R1		1SDA067545R1		1SDA067589R1	
	6.3	1SDA067006R1		1SDA067546R1		1SDA067590R1	
	8	1SDA067007R1		1SDA067547R1		1SDA067591R1	
	10	1SDA067008R1		1SDA067548R1 ■		1SDA067592R1	
	12.5	1SDA067009R1	1SDA067549R1	1SDA067593R1			
	16	1SDA067010R1 ■	1SDA067550R1 ■	1SDA067594R1			
	20	1SDA067011R1 ■	1SDA067551R1	1SDA067595R1			
	25	1SDA067012R1	1SDA067552R1 ■	1SDA067596R1			
	32	1SDA067013R1 ■	1SDA067553R1 ■	1SDA067597R1			
	40	1SDA067014R1 ■	1SDA067554R1 ■	1SDA067598R1	24,720		
50	1SDA067015R1	1SDA067555R1 ■	1SDA067599R1				
XT4 250	63	1SDA067016R1 ■	1SDA067556R1 ■	1SDA067600R1 ■			
	80	1SDA067017R1	1SDA067557R1 ■	1SDA067601R1			
	100	1SDA067018R1 ■	1SDA067558R1 ■	1SDA067602R1 ■			
	125	1SDA067019R1 ■	1SDA067559R1 ■	1SDA067603R1 ■	45,320		
	160	1SDA067020R1 ■	1SDA067560R1 ■	1SDA067604R1	47,560		
T5	200	1SDA068090R1 ■	34,090	1SDA068310R1 ■	38,690	1SDA068343R1	52,830
	225	1SDA068091R1	35,750	1SDA068311R1	39,940	1SDA068344R1	54,190
	250	1SDA068092R1 ■	38,690	1SDA068312R1 ■	44,440	1SDA068345R1 ■	55,090
T6	320	1SDA054436R1 ■		1SDA054440R1 ■		1SDA054444R1 ■	
	400	1SDA054437R1 ■	40,610	1SDA054441R1 ■	46,660	1SDA054445R1 ■	60,370
T5	500	1SDA054456R1 ■	50,830	1SDA054461R1 ■	57,380	1SDA054465R1	73,950
	630	1SDA060202R1 ■	58,550	1SDA060204R1 ■	62,480	1SDA060206R1	76,220
	800	1SDA060214R1 ■	77,570	1SDA060216R1 ■	85,050	1SDA060218R1 ■	87,920

* 40 A onwards

■ Stock items

Tmax power distribution circuit breakers

Protection: TMD/TMA-4Pole

XT3

Breaking capacity at 415VAC

	Icu	Ics(Icu)
N	36kA	75%
S	50kA	50%

TMD			N		S	
Frame	In (A)	Poles	Ordering code	L.P.(₹)	Ordering code	L.P.(₹)
XT3 250	200	4	1SDA068069R1 ■	31,470	1SDA068231R1 ■	36,790
	250		1SDA068070R1 ■	37,560	1SDA068232R1 ■	40,370

XT2/XT4/T5/T6

Breaking capacity at 415VAC

	Icu	Ics (Icu)
N	36kA	100%
S	50kA	100%
H	70kA	100%



TMD / TMA*		N		S		H	
Frame	In (A)	Ordering code	L.P.(₹)	Ordering code	L.P.(₹)	Ordering code	L.P.(₹)
XT2160	1.6	1SDA067021R1		1SDA067561R1		1SDA067605R1	
	2	1SDA067022R1		1SDA067562R1		1SDA067606R1	
	2.5	1SDA067023R1		1SDA067563R1		1SDA067607R1	
	3.2	1SDA067024R1		1SDA067564R1		1SDA067608R1	
	4	1SDA067025R1	23,400	1SDA067565R1	25,550	1SDA067609R1	33,150
	5	1SDA067026R1		1SDA067566R1		1SDA067610R1	
	6.3	1SDA067027R1		1SDA067567R1		1SDA067611R1	
	8	1SDA067028R1		1SDA067568R1		1SDA067612R1	
	10	1SDA067029R1		1SDA067569R1		1SDA067613R1	
	12.5	1SDA067030R1	1SDA067570R1	1SDA067614R1			
	16	1SDA067031R1	1SDA067571R1	1SDA067615R1			
	20	1SDA067032R1	1SDA067572R1	1SDA067616R1			
	25	1SDA067033R1	1SDA067573R1	1SDA067617R1			
	32	1SDA067034R1	1SDA067574R1 ■	1SDA067618R1			
	40	1SDA067035R1	19,710	1SDA067575R1	22,370	1SDA067619R1	31,700
50	1SDA067036R1		1SDA067576R1		1SDA067620R1		
63	1SDA067037R1 ■		1SDA067577R1 ■		1SDA067621R1		
80	1SDA067038R1		1SDA067578R1		1SDA067622R1		
100	1SDA067039R1 ■		1SDA067579R1 ■		1SDA067623R1		
125	1SDA067042R1 ■	28,900	1SDA067582R1 ■	34,130	1SDA067626R1	45,870	
160	1SDA067043R1 ■	32,410	1SDA067583R1 ■	35,960	1SDA067627R1	49,590	
XT4 250	200	1SDA068109R1 ■	40,310	1SDA068329R1 ■	49,720	1SDA068362R1	68,720
	225	1SDA068110R1	40,700	1SDA068330R1	51,290	1SDA068363R1	69,500
	250	1SDA068111R1 ■	41,980	1SDA068331R1 ■	50,340	1SDA068364R1	69,840
T5	320	1SDA054477R1 ■		1SDA054479R1 ■		1SDA054481R1	
	400	1SDA054478R1 ■	50,980	1SDA054480R1 ■	58,420	1SDA054482R1 ■	73,080
T6	500	1SDA054487R1 ■	68,200	1SDA054489R1 ■	74,600	1SDA054491R1 ■	95,070
	630	1SDA060210R1 ■	72,120	1SDA060211R1 ■	81,720	1SDA060212R1	90,350
	800	1SDA060222R1 ■	82,790	1SDA060223R1 ■	98,250	1SDA060224R1	1,02,540

* 40 A onwards

■ Stock items

Tmax power distribution circuit breakers

Protection: LS/I

XT2/XT4/T5/T6



Breaking capacity at 415VAC

	Icu	Ics (Icu)
N	36kA	100%
S	50kA	100%
H	70kA	100%

Protection : LS/I

			N		S		H	
Frame	In (A)	Poles	Ordering code	L.P. (₹)	Ordering code	L.P. (₹)	Ordering code	L.P. (₹)
XT2 160	10	3	1SDA067054R1	29,190	1SDA067800R1	33,650	1SDA067857R1	38,100
	25		1SDA067055R1		1SDA067801R1		1SDA067858R1	
	63		1SDA067056R1	25,160	1SDA067802R1	29,100	1SDA067859R1	37,300
	100		1SDA067057R1		1SDA067803R1		1SDA067860R1	
	160		1SDA067058R1	29,840	1SDA067804R1	36,790	1SDA067861R1	48,780
XT4 250	250		1SDA068126R1	40,350	1SDA068475R1	46,060	1SDA068515R1	52,710
T5 400	400		1SDA054317R1	60,680	1SDA054333R1	62,280	1SDA054349R1	71,040
T5 630	630		1SDA054396R1	64,130	1SDA054404R1	64,550	1SDA054412R1	75,520
T6 800	800		1SDA060268R1	78,240	1SDA060278R1	86,730	1SDA060289R1	1,04,530
T6 1000*	1000		1SDA060537R1	1,20,280	1SDA060547R1	1,29,750	1SDA060561R1	1,50,570
Frame	In (A)	Poles	Ordering code	L.P. (₹)	Ordering code	L.P. (₹)	Ordering code	L.P. (₹)
XT2 160	10	4	1SDA067090R1	35,460	1SDA067833R1	41,690	1SDA067890R1	46,620
	25		1SDA067091R1		1SDA067834R1		1SDA067891R1	
	63		1SDA067092R1	30,840	1SDA067835R1	40,530	1SDA067892R1	46,510
	100		1SDA067093R1		1SDA067836R1		1SDA067893R1	
	160		1SDA067095R1	41,660	1SDA067838R1	48,480	1SDA067895R1	61,070
XT4 250	250		1SDA068147R1	56,450	1SDA068495R1	60,460	1SDA068535R1	77,570
T5 400	400		1SDA054325R1	67,020	1SDA054341R1	81,260	1SDA054357R1	93,480
T5 630	630		1SDA054400R1	79,670	1SDA054408R1	83,170	1SDA054416R1	1,12,380
T6 800	800		1SDA060273R1	83,870	1SDA060283R1	1,09,340	1SDA060294R1	1,33,320
T6 1000*	1000		1SDA060542R1	1,62,850	1SDA060556R1	1,82,000	1SDA060566R1	2,21,500

Note: XT2/XT4 with Ekip LS/I release ; T5-T6 with PR221 LS/I release
*Extended front (EF) terminals are supplied as standard in T6 1000A MCCB

MCCBs with Overload, Short circuit and Earth Fault Protections XT2/XT4

Protection: LIG

Protection functions	Threshold
Overload "L" Protection	0.4...1 x In in steps of 0.04
Inst. Short-circuit "I" Protection	OFF - 1...10 x In
Earth Fault "G" Protection	OFF - 0.2 to 1 x In

Ekip LIG		N Version (Icu=Ics=36kA @ 415 V AC)		S Version (Icu=Ics=50kA @ 415 V AC)		
Frame	Poles	In (A)	Ordering Code	L.P.(₹)	Ordering Code	L.P.(₹)
XT2 160	3	63	1SDA100012R1 ■	37,570	1SDA100042R1 ■	41,100
		100	1SDA100013R1 ■		1SDA100043R1 ■	
		160	1SDA100014R1 ■	42,910	1SDA100044R1 ■	45,500
XT4 250		250	1SDA100185R1 ■	48,000	1SDA100215R1 ■	51,000
XT2 160	4	63	1SDA100027R1 ■	44,860	1SDA100057R1 ■	47,240
		100	1SDA100028R1 ■		1SDA100058R1 ■	
		160	1SDA100029R1 ■	52,230	1SDA100059R1 ■	55,730
XT4 250		250	1SDA100200R1 ■	54,910	1SDA100230R1 ■	58,050

■ Stock items

Tmax power distribution circuit breakers

Protection: LSIG

XT2/XT4/T5/T6



Breaking capacity at 415VAC

	Icu	Ics (Icu)
N	36kA	100%
S	50kA	100%
H	70kA	100%



Ekip LSIG/XT2-XT4 Ekip LSIG/ T5/T6 PR222DS/P-LSIG

			N		S		H	
Frame	In (A)	Poles	Ordering code	L.P. (₹)	Ordering code	L.P. (₹)	Ordering code	L.P. (₹)
XT2 160	10	3	1SDA067072R1	52,060	1SDA067815R1	55,710	1SDA067872R1	68,220
	25		1SDA067073R1		1SDA067816R1 ■		1SDA067873R1	
	63		1SDA067074R1 ■	50,500	1SDA067817R1 ■	54,100	1SDA067874R1	61,290
	100		1SDA067075R1 ■		1SDA067818R1 ■		1SDA067875R1	
	160		1SDA067076R1 ■	58,120	1SDA067819R1 ■	63,220	1SDA067876R1	69,950
XT4 250	250		1SDA068141R1 ■	66,000	1SDA068490R1 ■	71,000	1SDA068530R1 ■	77,500
T5 400	400	3	1SDA054323R1 ■	79,610	1SDA054339R1 ■	85,360	1SDA054355R1	1,02,710
T5 630	630		1SDA054399R1 ■	90,230	1SDA054407R1 ■	93,070	1SDA054415R1 ■	1,06,150
T6 800	800		1SDA060271R1 ■	1,15,560	1SDA060281R1 ■	1,22,050	1SDA060292R1	1,38,900
T6 1000*	1000		1SDA060540R1	1,56,560	1SDA060554R1 ■	1,73,700	1SDA060564R1	1,99,040

Note : Consider ordering "Ekip Com" for MODBUS communication for XT2 and XT4 frames only (Refer page no 36)
* For communication capable MCCBs please contact nearest branch office

Ekip LSIG/XT2-XT4 Ekip LSIG/ T5/T6 PR222DS/P-LSIG

			N		S		H	
Frame	In (A)	Poles	Ordering code	L.P. (₹)	Ordering code	L.P. (₹)	Ordering code	L.P. (₹)
XT2 160	10	4	1SDA067108R1	62,250	1SDA067851R1	66,080	1SDA067908R1	80,550
	25		1SDA067109R1		1SDA067852R1		1SDA067909R1	
	63		1SDA067110R1 ■	61,750	1SDA067853R1 ■	64,020	1SDA067910R1	73,070
	100		1SDA067111R1 ■		1SDA067854R1 ■		1SDA067911R1	
	160		1SDA067113R1 ■	70,000	1SDA067856R1 ■	75,000	1SDA067913R1	77,960
XT4 250	250		1SDA068162R1 ■	82,350	1SDA068510R1 ■	83,500	1SDA068550R1	91,000
T5 400	400	4	1SDA054331R1 ■	89,430	1SDA054347R1 ■	98,330	1SDA054363R1	1,28,140
T5 630	630		1SDA054403R1 ■	1,05,240	1SDA054411R1 ■	1,14,130	1SDA054419R1	1,45,490
T6 800	800		1SDA060276R1 ■	1,29,500	1SDA060286R1 ■	1,40,540	1SDA060297R1	1,75,990
T6 1000*	1000		1SDA060545R1 ■	2,00,690	1SDA060559R1	2,07,460	1SDA060569R1	2,52,250

Note: *Extended front (EF) terminals are supplied as standard in T6 1000A MCCBv

■ Stock items

Tmax motor distribution circuit breakers

Protection: Magnetic only and Microprocessor based short circuit protection MCCBs

XT2/XT4/T5/T6

Breaking capacity at 415VAC

	Icu	Ics (Icu)
N	36kA	100%
S	50kA	100%
H	70kA	100%

MF/MA*

In (A)	In (A)	Poles	N		S		H	
			Ordering code	L.P. (₹)	Ordering code	L.P. (₹)	Ordering code	L.P. (₹)
XT2 160	1	3	1SDA067044R1		1SDA067760R1		1SDA067770R1	
	2		1SDA067045R1		1SDA067761R1		1SDA067771R1	
	4		1SDA067046R1	17,850	1SDA067762R1	19,270	1SDA067772R1	21,650
	8.5		1SDA067047R1		1SDA067763R1 ■		1SDA067773R1	
	12.5		1SDA067048R1 ■		1SDA067764R1 ■		1SDA067774R1	
	20		1SDA067049R1 ■		1SDA067765R1 ■		1SDA067775R1	
	32		1SDA067050R1 ■		1SDA067766R1 ■		1SDA067776R1	
	52		1SDA067051R1 ■	17,600	1SDA067767R1 ■	19,000	1SDA067777R1	21,360
	80		1SDA067052R1 ■		1SDA067768R1 ■		1SDA067778R1	
	100		1SDA067053R1 ■		1SDA067769R1 ■		1SDA067779R1	
160	1SDA076529R1	25,720	1SDA076530R1 ■	28,060	1SDA076535R1	35,800		
XT4 250	200		1SDA068121R1	44,260	1SDA068440R1 ■	48,140	1SDA068450R1	58,290

* 20 amps onwards

XT3

Breaking capacity at 415VAC

	Icu	Ics (Icu)
N	36KA	75%
S	50KA	50%

MA

Frame	In (A)	Poles	N		S	
			Ordering code	L.P. (₹)	Ordering code	L.P. (₹)
XT3 250	100	3	1SDA068071R1		1SDA068279R1	
	125		1SDA068072R1	21,660	1SDA068280R1	22,510
	160		1SDA068073R1		1SDA068281R1	
	200		1SDA068074R1	24,760	1SDA068282R1 ■	25,480

XT2/XT4/T5/T6

Ekip M-I

Frame	Trip unit	In (A)	Poles	N		S		H	
				Ordering code	L.P. (₹)	Ordering code	L.P. (₹)	Ordering code	L.P. (₹)
XT2 160	Ekip M-I	20	3	1SDA067086R1		1SDA067829R1		1SDA067886R1	
		32		1SDA067087R1		1SDA067830R1		1SDA067887R1	
		52		1SDA067088R1	24,150	1SDA067831R1	28,900	1SDA067888R1	31,160
		100		1SDA067089R1		1SDA067832R1		1SDA067889R1	
		160		1SDA067063R1	29,750	1SDA067809R1	38,870	1SDA067866R1	42,360
XT4 250	Ekip M-I	250		1SDA068131R1 ■	45,640	1SDA068480R1 ■	49,500	1SDA068520R1	59,220
T5	PR221 DS-I	400		1SDA054319R1	51,080	1SDA054335R1 ■	56,440	1SDA054351R1	68,880
		630		1SDA054397R1 ■	54,390	1SDA054405R1 ■	61,380	1SDA054413R1	73,250
T6	PR221 DS-I	800		1SDA060269R1	88,400	1SDA060279R1	99,020	1SDA060290R1	1,21,790
		1000		1SDA060538R1	1,35,330	1SDA060548R1	1,45,980	1SDA060562R1	1,86,590

■ Stock items

Tmax motor protection circuit breakers

Advanced Motor Protection MCCBs

T5/T6

Breaking capacity at 415VAC

	Icu	Ics (Icu)
N	36kA	100%
S	50kA	100%
H	70kA	100%



T5

Ekip M-LRIU

Frame	Trip unit	In (A)	Poles	N		S		H	
				Ordering code	L.P. (₹)	Ordering code	L.P. (₹)	Ordering code	L.P. (₹)
T5	Ekip M-LRIU	320	3	1SDA054551R1		1SDA054553R1		-	
		400	3	1SDA064157R1	Upon request	1SDA064158R1	Upon request	-	Upon request
		630	3	1SDA060311R1		1SDA060312R1		1SDA060313R1	
T6									

Tmax switch disconnectors



SD Frame	In(A)	Icw kA (1s)	Poles	Ordering code	L.P. (₹)	Poles	Ordering code	L.P. (₹)
XT1D	160	2	3	1SDA068208R1	12,550	4	1SDA068209R1	18,540
XT3D	250	3		1SDA068210R1	27,540		1SDA068211R1	32,910
XT4D	250	3.6		1SDA068212R1	31,420		1SDA068213R1	41,640
T5D	400	3.6		1SDA054599R1	40,010		1SDA054600R1	50,740
T5D	500	3.6		1SDA054601R1	48,650		1SDA054602R1	61,920
T6D	630	15		1SDA060343R1	54,990		1SDA060344R1	66,060
T6D	800	15		1SDA060345R1	60,720		1SDA060346R1	98,970
T6D	1000	15		1SDA060594R1	1,05,520		1SDA060595R1	1,31,730

Tmax accessories

Accessories for T-Max MCCBs

Extended spreaded terminals - ES			
Frame	Description	Ordering code	Unit L.P. (₹)
XT1	KIT ES XT1 6pcs	1SDA066891R1 ■	2,730
	KIT ES XT1 8pcs	1SDA066892R1 ■	3,640
XT2	KIT ES XT2 6pcs	1SDA066895R1 ■	3,710
	KIT ES XT2 8pcs	1SDA066896R1 ■	4,510
XT3	KIT ES XT3 6pcs	1SDA066899R1 ■	3,980
	KIT ES XT3 8pcs	1SDA066900R1 ■	5,070
XT4	KIT ES XT4 6pcs	1SDA066903R1 ■	4,580
	KIT ES XT4 8pcs	1SDA066904R1 ■	5,750
T5	Kit EST5 6pcs	1SDA055038R1 ■	6,530
	Kit EST5 8pcs	1SDA055039R1 ■	8,650

Note: Phase barrier supplied as standard with above copper spreaders.

Separator - PB			
Frame	Description	Ordering code	Unit L.P. (₹)
XT1-XT3	PB 100mm 4pcs XT1-XT3 3p	1SDA066676R1	1,110
	PB 200mm 4pcs XT1-XT3 3p	1SDA066678R1	1,460
	PB 100mm 6pcs XT1-XT3 4p	1SDA066681R1	1,630
	PB 200mm 6pcs XT1-XT3 4p	1SDA066683R1	2,130
XT2-XT4	PB 100mm 4pcs XT2-XT4 3p	1SDA066675R1	1,240
	PB 200mm 4pcs XT2-XT4 3p	1SDA066677R1 ■	1,860
	PB 100mm 6pcs XT2-XT4 4p	1SDA066680R1	1,860
T5	PB 200mm 6pcs XT2-XT4 4p	1SDA066682R1	2,710
	PB100mm 4pcs T4-5-T7-A3 3P	1SDA054970R1	1,530
	PB 100mm 6pcs T4-5-T7-A3 3P	1SDA054971R1	2,190

Note: For T5 630A contact the nearest sales office

Tmax accessories

Rotary handle operating mechanism

RHD		
Frame	Ordering code	L.P. (₹)
XT1-XT3 F/P	1SDA066475R1 ■	2,570
XT2-XT4 F/P	1SDA069053R1 ■	3,060
XT2-XT4 W	1SDA066476R1	3,060
T4-T5 F/P	1SDA054926R1 ■	5,390
T4-T5 W	1SDA054928R1	5,970
T6 F	1SDA060405R1 ■	7,360
T6 W	1SDA060407R1	9,250

RHE		
Frame	Ordering code	L.P. (₹)
XT1-XT3 F/P	1SDA082810R1 ■*	2,370
XT1-XT3 F/P	1SDA066479R1#	2,690
XT2-XT4 F/P	1SDA082811R1 ■*	3,110
XT2-XT4 F/P	1SDA069055R1#	3,450
XT2-XT4 W	1SDA066480R1 ■	3,450
XT2-XT4 F/P-Left Lateral	1SDA069058R1	5,490
XT2-XT4 F/P-Right Lateral	1SDA069060R1	5,410
T4-T5 F/P	1SDA070447R1 ■	5,000
T4-T5 W	1SDA054933R1 ■	9,070
T6 F	1SDA060409R1 ■	9,500
T6 W	1SDA060411R1	11,020

Note:- F/P: Fixed/Plug-in ; W:Withdrawable
* RHE with 250mm rod
RHE with 500mm rod

Service releases

Shunt opening release - SOR

Frame	Description	Ordering code	L.P. (₹)
XT1... XT4	24-30 V AC/DC F/P	1SDA066314R1 ■	3,360
		1SDA066322R1	5,110
	220...240 V ac-220...250 V DC F/P	1SDA066317R1 ■	3,360
		1SDA066325R1	5,110
	380-440 V ac F/P	1SDA066318R1	3,360
		1SDA066326R1	5,110
	24-30 V AC/DC W	1SDA066329R1	5,970
	220...240 V ac-220...250 V DC W	1SDA066332R1	5,970
	380-440 V AC W	1SDA066333R1	5,970
		1SDA054863R1	5,060
SOR 24V AC/DC	1SDA054870R1	8,900	
T5-T6	SOR 220...240V AC-220...250V DC	1SDA054866R1	5,060
		1SDA054873R1 ■	8,900
		1SDA054867R1	5,060
	SOR 380...440V AC	1SDA054874R1	8,900

Note: For T7 / T7M in Withdrawable version sliding contact blocks for fixed and moving parts are necessary. F/P: Fixed/Plug-in; W:Withdrawable

Under voltage release - UVR

Frame	Description	Ordering code	L.P. (₹)
XT1... XT4	24-30 VAC/DC F/P	1SDA066389R1	6,280
		1SDA066396R1	9,790
	220-240Vac-220-250V DC F/P	1SDA066392R1 ■	6,280
		1SDA066399R1 ■	9,790
	380-440 V AC F/P	1SDA066393R1 ■	6,280
		1SDA066400R1	9,790
	24-30 VAC/DC W	1SDA066403R1	10,600
	220-240Vac-220-250V DC W	1SDA066406R1	10,600
	380-440 V AC W	1SDA066407R1	10,600
		1SDA054880R1	11,620
24V AC/DC F/P	1SDA054887R1	15,710	
T5-T6	220...240V AC-220...250V DC F/P	1SDA054884R1 ■	11,620
		1SDA054887R1	15,710
		1SDA054885R1 ■	11,620
	380...440V AC F/P	1SDA054887R1	15,710

Note: For T7 TM in Withdrawable version sliding contact blocks for fixed and moving parts are necessary. F/P: Fixed/Plug-in; W:Withdrawable

Electrical signals

Auxiliary contact cabled-version - AUX - C

Frame	Description	Ordering code	L.P. (₹)
XT1... XT4	AUX-C 1Q+1SY 250V AC/DC XT1...XT4 F/P	1SDA066431R1 ■	2,420
	AUX-C 2Q+1SY 250VAC/DC XT1...XT4 F/P	1SDA066433R1 ■	3,820
	AUX-C 3Q+1SY 250VAC/DC XT2...XT4 F/P	1SDA066434R1 ■	4,530
	AUX-C 3Q+2SY 250VAC/DC XT2-XT4 F/P	1SDA066436R1	5,540
	AUX-C 2Q+2SY+1S51 250VAC/DC XT2-XT4 F/P	1SDA066438R1	6,000
	AUX-C 2Q 400V AC XT2-XT4 F/P	1SDA066440R1	2,890
	AUX-C 1Q+1SY 400Vac XT2-XT4 F/P	1SDA066444R1	4,560
	AUX-C 1Q+1SY 24Vdc XT1...XT4 F/P	1SDA066446R1 ■	3,360
	AUX-C 3Q+1SY 24VDC XT2...XT4 F/P	1SDA066448R1	5,240
	AUX-C 1Q 1SY 250V AC/DC C T4-T5-T6	1SDA054910R1	3,360
T5-T6	AUX-C 1Q 1SY 400V AC C T4-T5-T6	1SDA054912R1	4,900
	AUX-C 2Q 400V AC C T4-T5-T6	1SDA054913R1	5,630
	AUX-C 3Q 1SY 24VDC C T4-T5-T6	1SDA054915R1	5,280
	AUX-C 3Q 1SY 250V AC/DC C T4-T5-T6	1SDA054911R1 ■	6,220

Note : Q=Changeover contact;SY= Trip indication contact ;F/P: Fixed/Plug-in ; W:Withdrawable

Auxiliary contact - AUX (Uncabled version)

Frame	Description	Ordering code	L.P. (₹)
XT1.... XT4	AUX 1Q 250Vac/dc XT1...XT4	1SDA066422R1 ■	1,460
	AUX 1Q 24Vdc XT1...XT4	1SDA066423R1	2,230

Auxiliary contact - AUX

Frame	Description	Ordering code	L.P. (₹)
T5... T6(1)	AUX 1Q 1SY 250V AC/DC T1...T6 (1)	1SDA051368R1 ■	2,550
	AUX 3Q 1SY 250V AC/DC T1...T6 (1)	1SDA051369R1	4,070
	AUX 3Q 1SY 24V DC T1...T6 (1)	1SDA054914R1	3,930
T5	AUX-SA 1 S51 T4-T5	1SDA055050R1	2,550

Note: Q=Changeover contact;SY= Trip indication contact
For T7 / T7M in Withdrawable version sliding contact blocks for fixed and moving parts are necessary.

Cabled contact in electronic version

Frame	Description	Ordering code	L.P. (₹)
T5	AUX-E-C 1Q 1SY T4-T5	1SDA054916R1	8,240
T6	AUX-E-C 1Q 1SY T6	1SDA064161R1	9,590

Key lock

Key Lock - KLC

Frame	Description	Ordering code	L.P. (₹)
KLC for Manual Breaker			
XT1... XT4	KLC XT1 key lock ronis on CB DIFF.key	1SDA066593R1	
	KLC XT1 key lock ronis on CB type A	1SDA066594R1	
	KLC XT1 key lock ronis on CB type B	1SDA066595R1	
	KLC XT1 key lock ronis on CB type C	1SDA066596R1	
	KLC XT1 key lock ronis on CB type D	1SDA066597R1	
	KLC XT1 key lock ronis EQ.FEL.A OP/CL	1SDA066598R1	
	KLC XT2-XT4 key lock ronis SE.OP.XC.BRE.	1SDA066599R1	
	KLC XT2-XT4 key lock ronis on CB TYPE A	1SDA066600R1 ■	
	KLC XT2-XT4 key lock ronis on CB type B	1SDA066601R1	3,070
	KLC XT2-XT4 key lock ronis on CB type C	1SDA066602R1	
KLC XT2-XT4 key lock ronis on CB type D	1SDA066603R1		
KLC XT2-XT4 key lock ronis EQ.FE.A OP/CL	1SDA066604R1		
KLC XT3 key lock ronis SEV.OP. X C.BREA.	1SDA066605R1		
KLC XT3 key lock ronis on CB type A	1SDA066606R1		
KLC XT3 key lock ronis on CB type B	1SDA066607R1		
KLC XT3 key lock ronis on CB type C	1SDA066608R1		
KLC XT3 key lock ronis on CB type D	1SDA066609R1		
KLC XT3 key lock ronis EQ.FEL.A OP/CL	1SDA066610R1		

■ Stock items

Tmax accessories

Pad Lock - KLC

Frame	Description	Ordering code	L.P. (₹)
KLC for Manual breaker			
XT1.... XT4	PLL XT1-XT3 Remov.Padl.Device open plug	1SDA066588R1	
	PLL XT1-XT3 Padlocks Device Open	1SDA066589R1	
	PLL XT2-XT4 Padlocks Device Open	1SDA066590R1	2,270
	PLL XT1-XT3 Padlocks Device OP/CL	1SDA066591R1	
	PLL XT2-XT4 PPadlocks Device OP/CL	1SDA066592R1	

Key Lock for Rotary Handle - RHL

Frame	Description	Ordering code	L.P. (₹)
XT1... XT4	RHL XT1...XT4 Key Lock Ronis Several	1SDA066617R1 ■	
	RHL XT1...XT4 Key Lock Ronis Type A	1SDA066618R1 ■	
	RHL XT1...XT4 Key Lock Ronis Type B	1SDA066619R1	
	RHL XT1...XT4 Key Lock Ronis Type C	1SDA066620R1	2,430
	RHL XT1...XT4 Key Lock Ronis Type D	1SDA066621R1	
	RHL XT1...XT4 Key Lock Ronis Sever. OP/CL	1SDA066622R1	
	RHL XT1...XT4 Key Lock Ronis Sever. OP/CL	1SDA069182R1	
	MOL-D XT1-XT3 Key Lock Ronis DIFF. Key	1SDA066623R1	

Key Lock for Front/Rotary/Fixed Part- KLF

Frame	Description	Ordering code	L.P. (₹)
T5	KLF-D Lock for Front/Rotary Handle - Different Key in open Position T4-T5	1SDA054939R1	
	KLF-S Block for Front/Rotary Handle - Same Key (N. 20005) T4-T5	1SDA054940R1 ■	
	KLF-S Block for Front/Rotary Handle - Same Key (N. 20006) T4-T5	1SDA054941R1	5,180
	KLF-S Block for Front/Rotary Handle - Same Key (N. 20007) T4-T5	1SDA054942R1	
	KLF-S Block for Front/Rotary Handle - Same Key (N. 20008) T4-T5	1SDA054943R1	
	KLF-D FP Different Key for Each Circuit Breaker T4-T5-T6	1SDA055230R1	
	KLF-D FP Same Key for Different Groups of Circuit Breakers T4-T5-T6	1SDA055231R1	4,910
	KLF-D Ronis Fixed Part-Lock Type Ronis T4-T5-T6	1SDA055233R1	
	KLF-D Different Key in open Position T6	1SDA060658R1	
	KLF-S Same Key for Different Groups of Circuit Breakers (N. 20005) T6	1SDA060659R1	
T6	KLF-S Same Key for Different Groups of Circuit Breakers (N. 20006) T6	1SDA060660R1	5,370
	KLF-S Same Key for Different Groups of Circuit Breakers (N. 20007) T6	1SDA060661R1	
	KLF-S Same Key for Different Groups of Circuit Breakers (N. 20008) T6	1SDA060662R1	

Key lock for motor operated- MOL

Frame	Description	Ordering code	L.P. (₹)
XT1- XT3	MOL-S XT1-XT3 Key Lock Ronis Type A	1SDA066624R1	
	MOL-S XT1-XT3 Key Lock Ronis Type B	1SDA066625R1	
	MOL-S XT1-XT3 Key Lock Ronis Type C	1SDA066626R1	
	MOL-S XT1-XT3 Key Lock Ronis Type D	1SDA066627R1	
	MOL-D XT2-XT4 Key Lock Ronis DIFF. Key	1SDA066629R1	5,190
	MOL-S XT2-XT4 Key Lock Ronis Type A	1SDA066630R1	
	MOL-S XT2-XT4 Key Lock Ronis Type B	1SDA066631R1	
	MOL-S XT2-XT4 Key Lock Ronis Type C	1SDA066632R1	
	MOL-S XT2-XT4 Key Lock Ronis Type D	1SDA066633R1	
	MOL-M XT2-XT4 Key Lock Ronis Man. OPER.	1SDA066634R1	

■ Stock items

Frame	Description	Ordering code	L.P. (₹)
T5	MOL-D - Same Key T4-T5	1SDA054904R1	
	MOL-S - Same Key for Different Groups of Circuit Breakers (N. 20005) T4-T5	1SDA054905R1 ■	
	MOL-S - Same Key for Different Groups of Circuit Breakers (N. 20006) T4-T5	1SDA054906R1	
	MOL-S - Same Key for Different Groups of Circuit Breakers (N. 20007) T4-T5	1SDA054907R1	
	MOL-S - Same Key for Different Groups of Circuit Breakers (N. 20008) T4-T5	1SDA054908R1	
	MOL-M - Lock only on Manual Operation - Same Key T4-T5-T6	1SDA054909R1	5,190
	MOL-D - Different Key T6	1SDA060611R1	
	MOL-S - Same Key for Different Groups of Circuit Breakers (N. 20005) T6	1SDA060612R1	
T6	MOL-S - Same Key for Different Groups of Circuit Breakers (N. 20006) T6	1SDA060613R1	
	MOL-S - Same Key for Different Groups of Circuit Breakers (N. 20007) T6	1SDA060614R1	
	MOL-S - Same Key for Different Groups of Circuit Breakers (N. 20008) T6	1SDA060615R1	

Motor operator with direct action - MOD

Frame	Description	Ordering code	L.P.(₹)
XT1- XT3	MOD XT1-XT3 24 V dc	1SDA066457R1	
	MOD XT1-XT3 48...60 V dc	1SDA066458R1	33,370
	MOD XT1-XT3 110...125 V ac/dc	1SDA066459R1	28,690
	MOD XT1-XT3 220...250 V ac/dc	1SDA066460R1 ■	
	MOD XT1-XT3 380...440 V ac	1SDA066461R1	33,370
	MOD XT1-XT3 480...525 V ac	1SDA066462R1	

Stored Energy Motor Operator - MOE, Stored energy motor operator with electronics - MOE-E

Frame	Description	MOE	L.P. (₹)
XT2- XT4	24 V DC	1SDA066463R1	47,550
	220...250 V AC / DC	1SDA066466R1 ■	40,970
T5	380...440 V AC	1SDA066467R1	47,550
	24 V DC	1SDA054894R1	49,180
T6	220...250 V AC / DC	1SDA054897R1 ■	
	24 V DC	1SDA060395R1	60,990

Frame	Description	MOE-E	L.P. (₹)
XT2- XT4	24 V DC	1SDA066469R1	
	220...250 V AC / DC	1SDA066472R1	51,280
	380...440 V AC	1SDA066473R1	
T5	24 V DC	1SDA054899R1	Upon Request
	220...250 V AC / DC	1SDA054902R1 ■	
T6	24 V DC	1SDA060400R1	Upon Request
	220...250 V AC / DC	1SDA060403R1	

Low insulating terminal covers - LTC

Frame	Description	3 Pole-2 pcs	L.P. (₹)
XT1... XT4	LTC XT1	1SDA066655R1	
	LTC XT2	1SDA066657R1	2,830
	LTC XT3	1SDA066660R1	
	LTC XT4	1SDA066662R1	2,990
T5	LTC T5	1SDA054968R1	3,970
T6	LTC T6	1SDA014038R1	4,330

Frame	Description	4 Pole-2 pcs	L.P. (₹)
XT1... XT4	LTC XT1	1SDA066656R1	3,430
	LTC XT2	1SDA066659R1	
	LTC XT3	1SDA066661R1	3,820
	LTC XT4	1SDA066663R1	4,360
T5	LTC T5	1SDA054969R1	5,400
T6	LTC T6	1SDA014039R1	5,970

Tmax accessories

X3 connector			
Frame	Description	X3 connector PR222DS or PR223DS	L.P. (₹)
T5-T6	For fixed breaker	1SDA055059R1	0
	For plug-in/withdrawable breaker	1SDA055061R1	

Frame	Description	X4 connector	L.P. (₹)
T5-T6	For fixed breaker	1SDA055060R1	5,630
	For plug-in/withdrawable breaker	1SDA055062R1	

High insulating terminal covers - HTC			
Frame	Description	3 Pole-2 pcs	L.P. (₹)
XT1...XT4	HTC XT1	1SDA066664R1	3,860
	HTC XT2	1SDA066666R1	4,380
	HTC XT3	1SDA066668R1	4,740
	HTC XT4	1SDA066670R1	5,280

Frame	Description	4 Pole-2 pcs	L.P. (₹)
XT1...XT4	HTC XT1	1SDA066665R1	5,330
	HTC XT2	1SDA066667R1	6,020
	HTC XT3	1SDA066669R1	6,590
	HTC XT4	1SDA066671R1	7,280

Time delay device for under voltage release- UVD			
Frame	Description	Ordering code	L.P. (₹)
XT1...XT4	UVD T1...T6 - XT1...XT4 24...30 Vac/dc	1SDA051357R1	52,730
	T5...T6	UVD T1...T6 - XT1...XT4 220...250 Vac/dc	

Residual current devices			
Frame	Description	Ordering code	L.P. (₹)
XT1	RC Inst x XT1 3p F	1SDA067122R1	30,640
	RC Sel x XT1 3p F	1SDA067123R1	
	RC Sel 200 x XT1 4p F	1SDA067121R1	
	RC Inst x XT1 4p F	1SDA067124R1	
XT2	RC Sel x XT1 4p F	1SDA067125R1	35,460
	RC Sel x XT2 4p F	1SDA067126R1	
XT3	RC Inst x XT3 3p F	1SDA067127R1	75,960
	RC Sel x XT3 3p F	1SDA067128R1	
	RC Inst x XT3 4p F	1SDA067129R1	
	RC B Type x XT3 4p F	1SDA067132R1	
T5	RC Sel x XT3 4p F	1SDA067130R1	89,890
	RC222/5 4p Fixed T5	1SDA054955R1	

Bracket for fixing onto DIN rail			
Frame	Description	Ordering code	L.P. (₹)
XT1	KIT DIN50022 XT1 3p Plate DIN	1SDA066652R1	2,440
	KIT DIN50022 XT1 4p Plate DIN	1SDA066419R1	
	KIT DIN50022 XT1+RC Sel 200 Plate DIN	1SDA067134R1	
	KIT DIN50022 XT1+RC Plate DIN	1SDA067135R1	
XT3	KIT DIN50022 XT3 3p Plate DIN	1SDA066420R1	3,080
	KIT DIN50022 XT3 4p Plate DIN	1SDA066421R1	
XT2	KIT DIN50022 XT3+RC Plate DIN	1SDA067139R1	3,380
	KIT DIN50022 XT2-XT4 Plate DIN	1SDA066653R1	

Automation transfer switch - ATS			
Frame	Description	Ordering code	L.P. (₹)
XT2-XT4/ T5-T7/ E1-E6	ATS021	1SDA065523R1	Upon Request
	ATS022	1SDA065524R1	

Note : ATS will be used along with either two motorized ACB or MCCBs with required interlocking and changeover base plate as per the requirement.

■ Stock items

Tmax conversion kit



Plug-in and drawout conversion

Frame	Description	3 Pole	L.P. (₹)	4 Pole	L.P. (₹)
XT1	Plug-in moving part	1SDA066276R1	6,210	1SDA066277R1	8,600
	Plug-in fixed part	1SDA068183R1	11,390	1SDA068185R1	16,190
XT2	Plug-in moving part	1SDA066278R1	6,920	1SDA066279R1	9,390
	Plug-in fixed part	1SDA068187R1	12,460	1SDA068190R1	17,680
XT3	Plug-in moving part	1SDA066280R1	8,580	1SDA066281R1	10,560
	Plug-in fixed part	1SDA068192R1	12,820	1SDA068194R1	18,600
XT4	Plug-in moving part	1SDA066282R1	10,060	1SDA066283R1	13,700
	Plug-in fixed part	1SDA068196R1	13,860	1SDA068198R1	19,200
T5	Plug-in moving part	1SDA054843R1	12,710	1SDA054844R1	17,830
	Plug-in fixed part	1SDA054749R1	22,900	1SDA054752R1	28,450
T5	Plug-in moving part	1SDA054847R1	14,610	1SDA054848R1	20,870
	Plug-in fixed part	1SDA054762R1	25,840	1SDA054765R1	33,010
XT2	Drawout moving part	1SDA066284R1	11,440	1SDA066285R1	16,190
	Drawout fixed part	1SDA068200R1	25,540	1SDA068202R1	35,200
XT4	Drawout moving part	1SDA066286R1	13,030	1SDA066287R1	17,680
	Drawout fixed part	1SDA068204R1	26,810	1SDA068206R1	37,210
T5	Drawout moving part	1SDA054845R1	19,460	1SDA054846R1	28,450
	Drawout fixed part	1SDA054755R1	40,530	1SDA054758R1	52,710
T5	Drawout moving part	1SDA054849R1	25,020	1SDA054850R1	31,500
	Drawout fixed part	1SDA054768R1	42,010	1SDA054771R1	64,850
T6	Drawout moving part	1SDA060390R1	28,500	1SDA060391R1	36,210
	Drawout fixed part	1SDA060384R1	59,840	1SDA060387R1	80,380

Note:

- 1) For T5 630 -circuit-breaker and switch-disconnector in Plug-in and withdrawable version In max = 570 A
- 2) Front for lever operating mechanism or rotary handle or motor operator
- 3) Sliding contacts blocks if the circuit-breaker is automatic or fitted with electrical accessories (only for T7)
- 4) For T5 630 -circuit-breaker and switch-disconnector in Plug-in and withdrawable version In max = 570 A * FLD or rotary handle or motor operator is mandatory to select for a drawout MCCB

Accessories:

Frame / Type	Description	Ordering code	L.P. (₹)
Connector	Socket-plug panel connector with 3PINS (XT1...XT4)	1SDA066409R1	1860
	Socket-plug panel connector with 6PINS (XT1...XT4)	1SDA066410R1	3,590
	Socket-plug panel connector with 9PINS (XT1...XT4)	1SDA066411R1	5,410
	Socket-plug panel connector with 15PINS (XT1...XT4)	1SDA066412R1	8,900
	Socket-plug connector of moving part 12PINS (XT2...XT4)	1SDA066413R1	9,600
	Socket-plug connector of fixed part 12PINS (XT2...XT4)	1SDA066414R1	
	Connector 4th pole SOR-PS-SOR (XT2...XT4)	1SDA066415R1	1,850
	Connector 4th pole UVR (XT2...XT4)	1SDA066418R1	1,700
	ADP 5pin SOR-C /UVR-C T4-T5-T6 P/W	1SDA055173R1	3,110
	ADP 6pin AUX -C T4-T5-T6 P/W	1SDA054922R1	2710
	ADP 10pin MOE AUE -C T4-T5-T6 P/W	1SDA054924R1	3,430
	ADP 12pin AUX -C T4-T5-T6 P/W	1SDA054923R1	4,370

Mechanical interlock between circuit breakers			
Frame	Description	Ordering code	L.P. (₹)
XT1...XT4	MIR-HR XT1...XT4 MECH INTERLOCK HOR. 2 CB**	1SDA066637R1	18,570
	MIR-VR XT1...XT4 MECH INTERLOCK VER. 2 CB**	1SDA066638R1	
	MIR-P PLATE x XT1 F	1SDA066639R1	
	MIR-P PLATE x XT2 F	1SDA066641R1	
	MIR-P PLATE x XT3 F	1SDA066643R1	
	MIR-P PLATE x XT4 F	1SDA066645R1	6,500

Note : ** Following must be ordered to make the rear interlock.

1. A MIR-HR or MIR-VR
2. A plate MIR-P for each circuit breaker to be interlocked

Mechanical interlock between circuit breakers - MIR - to be used with copper spreaders only

Frame	Description	Ordering code	L.P. (₹)
T5	MIR-HB Horizontal Interlock Frame Unit T4-T5	1SDA054946R1	14,090
	MIR-VB Vertical Interlock Frame Unit T4-T5	1SDA054947R1	
	MIR-P Plate for Interlock Type D T5 400 (F-P-W) or T5 630 (F) + T5 400 (F-P-W) or T5 630 (F)	1SDA054951R1	
	MIR-P Plate for Interlock Type E T5 400 (F-P-W) or T5 630 (F) + T5 630 (P-W)	1SDA054952R1	7,270
	MIR-P Plate for Interlock Type F T5 630 (P-W) + T5 630 (P-W)	1SDA054953R1	6,860
T6	MIR-H Horizontal Mechanical Interlock T6	1SDA060685R1	22,060
	MIR-V Vertical Mechanical Interlock T6	1SDA060686R1	

Note: For interlocking in T4-T5, Order both frame and plate unit

Accessories for electronic trip units

Frame	Description	Ordering code	L.P. (₹)
XT2-XT4	EKIP COM x LSI-LSIG-M/ LRIU XT2-XT4 F/P	1SDA068661R1	24,480
	EKIP COM x LSI-LSIG-M/ LRIU XT2-XT4 W	1SDA068662R1	
	KIT x CONNECTION Vaux 24Vdc XT2-XT4 F/P	1SDA066980R1	
	KIT x CONNECTION Vaux 24Vdc XT2-XT4 W	1SDA066981R1	5,950

Note:- F/P: Fixed/Plug-in ; W:Withdrawable

Test and configuration unit

Frame	Description	Ordering code	L.P. (₹)
XT2 - XT4	Ekip TT Trip test unit	1SDA066988R1	8,370

IP54 Protection for transmitted rotary handle

Frame	Description	Ordering code	L.P. (₹)
XT1...XT4	IP54 Protection for transmitted rotary handle-RHE	1SDA066587R1	3,160

FORMULA DSA Molded case circuit breaker

Fixed thermal and fixed magnetic MCCB

Breaking capacity at 415VAC

	Icu
A	10kA
B	18kA
C	25kA
N	36kA
S	50kA

TMF / ELT - LI*	A		B		C		N		S		
Frame	In(A)	Ordering code	L.P. (₹)	Ordering code	L.P. (₹)	Ordering code	L.P. (₹)	Ordering code	L.P. (₹)	Ordering code	L.P. (₹)
A1 3 Pole	25	1SDA066512R1		1SDA066699R1		1SDA066711R1		1SDA066723R1			-
	32	1SDA068757R1		1SDA068758R1		1SDA068759R1		1SDA068760R1			-
	40	1SDA066514R1				1SDA066713R1		1SDA066725R1			-
	50	1SDA066515R1	4,770	1SDA066702R1	6,360	1SDA066714R1	7,480	1SDA066726R1	9,080		-
	63	1SDA068768R1		1SDA068769R1		1SDA068770R1		1SDA068771R1			-
	80	1SDA066518R1		1SDA066705R1		1SDA066717R1		1SDA066729R1			-
	100	1SDA066520R1		1SDA066707R1		1SDA066719R1		1SDA066731R1			-
A2 3 Pole	125	1SDA066521R1	5,620	1SDA066708R1	7,300	1SDA066720R1	8,170	1SDA066732R1	9,560		-
	160			1SDA066549R1	12,520	1SDA066776R1	13,350	1SDA066782R1	13,630		-
	200			1SDA066551R1	14,610	1SDA066778R1	15,690	1SDA066784R1	17,190		-
A3 3 Pole	250			1SDA066553R1	15,690	1SDA066780R1	16,770	1SDA066786R1	19,270		-
	320							1SDA066560R1		1SDA066562R1	41,900
	400							1SDA066561R1	38,250	1SDA066563R1	41,900
A3 3 Pole	500							1SDA066564R1	46,760	1SDA066565R1	49,590
	630							1SDA066566R1	54,170	1SDA066567R1	55,510

TMF / ELT - LI*	A		B		C		N		S		
Frame	In(A)	Ordering code	L.P. (₹)	Ordering code	L.P. (₹)	Ordering code	L.P. (₹)	Ordering code	L.P. (₹)	Ordering code	L.P. (₹)
A1 4 Pole	25	1SDA066526R1		1SDA066735R1		1SDA066747R1		1SDA066759R1			-
	32	1SDA068761R1		1SDA068762R1		1SDA068763R1		1SDA068764R1			-
	40	1SDA066528R1		1SDA066737R1		1SDA066749R1		1SDA066761R1			-
	50	1SDA066529R1	6,400	1SDA066738R1	8,280	1SDA066750R1	9,920	1SDA066762R1	11,320		-
	63	1SDA068772R1		1SDA068773R1		1SDA068774R1		1SDA068775R1			-
	80	1SDA066532R1		1SDA066741R1		1SDA066753R1		1SDA066765R1			-
	100	1SDA066534R1		1SDA066743R1		1SDA066755R1		1SDA066767R1			-
A2 4 Pole	125	1SDA066535R1	6,830	1SDA066744R1	8,770	1SDA066756R1	10,420	1SDA066768R1	12,120		-
	160			1SDA066555R1	16,360	1SDA066788R1	17,410	1SDA066794R1	17,800		-
	200			1SDA066557R1	18,690	1SDA066790R1	20,160	1SDA066796R1	22,250		-
A3 4 Pole	250			1SDA066559R1	20,370	1SDA066792R1	23,100	1SDA066798R1	24,540		-
	320							1SDA066568R1	48,020	1SDA066570R1	53,010
	400							1SDA066569R1		1SDA066571R1	53,010
A3 4 Pole	500							1SDA066572R1	59,990	1SDA066573R1	63,030
	630							1SDA066574R1	69,520	1SDA066575R1	72,830

Accessories

Terminals				Terminals			
Front extended spread terminal - ES	Poles	Ordering code	L.P. (₹) 6 pieces	Front extended spread terminal - ES	Poles	Ordering code	L.P. (₹) 8 pieces
A1	3P	1SDA082242R1	770	A1	4P	1SDA082243R1	1,050
A2		1SDA082247R1	2,140	A2		1SDA082248R1	2,400

	Description	A1-A2	
		Ordering code	L.P. (₹)
Rotary handle	RHD - Operating mechanism direct handle	1SDA066154R1	1,860
	RHE - Operating mechanism transmitted handle	1SDA066158R1	1,750
Shunt opening release – SOR-C Cabled version	SOR-C 220...240 VAC - 220...250 VDC	1SDA066137R1	2,320
	SOR-C 380...440 VAC	1SDA066138R1	2,320
Auxiliary contacts – AUX-C Cabled version	AUX-C 1Q + 1SY 250 VAC/DC	1SDA066149R1	2,330
	AUX-C 1Q 250V AC/DC A1-A2	1SDA066258R1	1,050
Undervoltage release – UVR-C Cabled version	UVR-C 220...240 VAC - 220...250 VDC	1SDA066146R1	3,890
	UVR-C 380...440 VAC	1SDA066147R1	

*Available in A3

SACE FORMULA DSP P1-P4



Breaking capacity at 415VAC

	Icu	Ics (Icu)
B	18kA	100%
C	25kA	100%
N	36kA	100%
S	50kA	100%

TMD/TMA	B		C		N		S			
Frame	In	Poles	Ordering Code	L.P. (₹)	Ordering Code	L.P. (₹)	Ordering Code	L.P. (₹)	Ordering Code	L.P. (₹)
P1 160	40	3P	1SDA116207R1		1SDA116231R1		1SDA116255R1			-
	63		1SDA116209R1	8,800	1SDA116233R1	8,950	1SDA116257R1	11,900		-
	80		1SDA116210R1		1SDA116234R1		1SDA116258R1			-
	100		1SDA116211R1		1SDA116235R1		1SDA116259R1			-
	125		1SDA116212R1	11,110	1SDA116236R1	13,000	1SDA116260R1	13,430		-
P2 250	160		1SDA116213R1	12,700	1SDA116237R1	16,860	1SDA116261R1	17,890		-
	200				1SDA116325R1	22,370	1SDA116337R1	25,820		-
P3 630	250				1SDA116326R1	26,000	1SDA116338R1	28,660		-
	320						1SDA116371R1	36,980	1SDA116380R1	39,780
	400						1SDA116372R1	36,980	1SDA116381R1	39,780
P4 800	630						1SDA116373R1	47,980	1SDA116382R1	50,120
	800						1SDA116398R1	72,810	1SDA116401R1	81,740

TMD/TMA	B		C		N		S			
Frame	In	Poles	Ordering Code	L.P. (₹)	Ordering Code	L.P. (₹)	Ordering Code	L.P. (₹)	Ordering Code	L.P. (₹)
P1 160	40	4P	1SDA116218R1		1SDA116242R1		1SDA116266R1			-
	63		1SDA116220R1	11,640	1SDA116244R1	12,470	1SDA116268R1	14,960		-
	80		1SDA116221R1		1SDA116245R1		1SDA116269R1			-
	100		1SDA116222R1		1SDA116246R1		1SDA116270R1			-
	125		1SDA116225R1	13,650	1SDA116249R1	16,150	1SDA116273R1	17,280		-
P2 250	160		1SDA116226R1	17,350	1SDA116250R1	20,630	1SDA116274R1	21,690		-
	200				1SDA116333R1	27,980	1SDA116345R1	31,760		-
P3 630	250				1SDA116334R1	31,720	1SDA116346R1	34,740		-
	320						1SDA116377R1	46,010	1SDA116386R1	49,910
	400						1SDA116378R1	46,010	1SDA116387R1	49,910
P4 800	630						1SDA116379R1	59,100	1SDA116388R1	65,760
	800						1SDA116400R1	78,580	1SDA116403R1	92,370

SACE FORMULA DSP P1-P4



Terminals (supplied with phase barrier)					
Size	Type	6 pcs (kit for 3p)	L.P. (₹)	8 pcs (kit for 4p)	L.P. (₹)
P1	ES Extended spread front terminals 47mm	1SDA116501R1	1,900	1SDA116502R1	2,540
P2	ES Extended spread front terminals 70mm	1SDA116505R1	2,590	1SDA116506R1	3,310
P3	ES Extended spread front terminals 80mm	1SDA116509R1	5,120	1SDA116510R1	6,810
P4	ES Extended spread front terminals 70mm				



Auxiliary contacts - AUX					
Size	Type	24V DC	L.P. (₹)	250V AC	L.P. (₹)
P1-P4	AUX Q or SY	1SDA116439R1	1,860	1SDA116440R1	1,190

Service releases					
Size	Voltages	SOR	L.P. (₹)	UVR	L.P. (₹)
P1-P2	24-30V AC/DC	1SDA116448R1	2,630	1SDA116454R1	4,170
	110...127V AC / 110...125V DC	1SDA116445R1	2,460	1SDA116452R1	
	220...240V AC / 220...250V DC	1SDA116447R1	2,460	1SDA116453R1	4,060
	UVR 380-440V AC			1SDA116455R1	
P3-P4	24...30 VAC/DC	1SDA116461R1	3,930	1SDA116467R1	
	110...127 VAC - 110...125 VDC	1SDA116459R1	3,930	1SDA116464R1	8,620
	220...240 VAC - 220...250 VDC			1SDA116466R1	
	380...440 VAC			1SDA116468R1	



Rotary handles					
Size	Type	RHD	L.P. (₹)	RHE	L.P. (₹)
P1-P2	Rotary Handle	1SDA116477R1	1,920	1SDA116483R1	1,870
P3	Rotary Handle	1SDA116478R1	4,330	1SDA116485R1	3,970
P4	Rotary Handle	1SDA116480R1	5,910	1SDA116488R1	7,750



Locking arrangement - PLL / RHL					
Size	Type	PLL	L.P. (₹)	RHL	L.P. (₹)
P1-P2	Locking arrangement	1SDA116491R1	1,830	1SDA066617R1	2,470
P3	Locking arrangement	1SDA116493R1	3,340	1SDA105081R1	
P4	Locking arrangement	1SDA116495R1	4,600	1SDA105091R1	4,750

OT manual changeover switches



Manual changeover switches, I-O-II -operation

Supplied with bridging bars, extended shaft and IP 65 pistol type handle

Rated current In [A]	Poles	Description	Ordering code	L.P.(₹)	Poles	Description	Ordering code	L.P.(₹)
16	3	OT16F3C	1SYN104816R1001	4,570	4	OT16F4C	1SYN104831R1001	5,760
25		OT25F3C	1SYN104863R1001	5,760		OT25F4C	1SYN104877R1001	6,490
40		OT40F3C	1SYN104913R1001	6,260		OT40F4C	1SYN104934R1001	7,160
63		OT63F3C	1SYN105338R1001	8,140		OT63F4C	1SYN105369R1001	9,220
80		OT80F3C	1SYN105402R1001	8,950		OT80F4C	1SYN105418R1001	10,230
100		OT100F3C	1SYN105008R1001	11,980		OT100F4C	1SYN105019R1001	13,720
125		OT125F3C	1SYN105037R1001	12,550		OT125F4C	1SYN105054R1001	14,590
160		OT160E03CP	1SYN022772R6510	17,340		OT160E04CP	1SYN022775R9440	20,330
200		OT200E03CP	1SYN022771R7520	17,920		OT200E04CP	1SYN022771R7280	20,940
250		OT250E03CP	1SYN022771R3450	22,360		OT250E04CP	1SYN022775R4640	25,950
315		OT315E03CP	1SYN022772R6780	26,300		OT315E04CP	1SYN022775R7150	31,690
400		OT400E03CP	1SYN022771R8500	32,250		OT400E04CP	1SYN022771R8680	37,270
630		OT630E03CP	1SYN022785R6050	46,620		OT630E04CP	1SYN022785R6130	57,390
800		OT800E03CP	1SYN022785R6300	59,770		OT800E04CP	1SYN022785R6210	69,330
1000		OT1000E03CP	1SYN022872R1680	1,61,370		OT1000E04CP	1SYN022872R1500	1,85,270
1250		OT1250E03CP	1SYN022872R0790	1,79,290		OT1250E04CP	1SYN022872R1250	2,00,940
1600	OT1600E03CP	1SYN022872R1840	2,21,110	OT1600E04CP	1SYN022872R2310	2,48,070		
2000	OT2000E03CP	1SYN103908R1001	3,34,680	OT2000E04CP	1SYN103912R1001	4,30,270		
2500	OT2500E03CP	1SYN105615R1001	3,64,550	OT2500E04CP	1SYN103906R1001	4,69,070		
3200	OT3200E03CP	1SYN129156R1001	5,25,900	OT3200E04CP	1SYN129158R1001	6,27,490		

Note: Contact our nearest sales office

1. For 6 pole change over
2. For manual/motorized bypass switch
3. For manual closed transition
4. For wide phase manual change over

OT motorized changeover switches



Changeover switches, motor operation, I-O-II -operation

Supplied with bridging bars and handle

Rated current In [A]	Poles	Description	Ordering code	L.P.(₹)	Poles	Description	Ordering code	L.P.(₹)
40	3	OTM40F3CMA230V	1SYN120096R1001	40,340	4	OTM40F4CMA230V	1SYN120102R1001	43,440
63		OTM63F3CMA230V	1SYN120095R1001	42,640		OTM63F4CMA230V	1SYN120101R1001	45,760
80		OTM80F3CMA230V	1SYN120093R1001	46,520		OTM80F4CMA230V	1SYN120100R1001	48,080
100		OTM100F3CMA230V	1SYN120071R1001	48,830		OTM100F4CMA230V	1SYN120098R1001	49,650
125		OTM125F3CMA230V	1SYN120070R1001	50,400		OTM125F4CMA230V	1SYN120097R1001	52,750
160		OTM160E3CM230C	1SYN022845R8610	67,960		OTM160E4CM230C	1SYN022848R1510	71,090
200		OTM200E3CM230C	1SYN022845R8960	70,550		OTM200E4CM230C	1SYN022846R1590	69,050
250		OTM250E3CM230C	1SYN022845R9260	87,030		OTM250E4CM230C	1SYN022846R1910	89,610
315		OTM315E3CM230C	1SYN022847R1210	87,960		OTM315E4CM230C	1SYN022847R2870	91,490
400		OTM400E3CM230C	1SYN022847R1630	1,05,840		OTM400E4CM230C	1SYN022847R3250	1,14,830
630		OTM630E3CM230C	1SYN103567R1001	1,41,680		OTM630E4CM230C	1SYN022873R1990	1,46,220
800		OTM800E3CM230C	1SYN103570R1001	1,89,820		OTM800E4CM230C	1SYN022872R8340	1,98,220
1000		OTM1000E3CM230C	1SYN112677R1001	2,54,190		OTM1000E4CM230C	1SYN112703R1001	2,58,280
1250		OTM1250E3CM230C	1SYN112676R1001	3,03,150		OTM1250E4CM230C	1SYN112702R1001	3,07,850
1600		OTM1600E3CM230C	1SYN112678R1001	3,73,310		OTM1600E4CM230C	1SYN112704R1001	3,86,570
2000		OTM2000E3CM230C	1SYN112709R1001	5,40,720		OTM2000E4CM230C	1SYN112712R1001	5,90,280
2500	OTM2500E3CM230C	1SYN112710R1001	6,20,910	OTM2500E4CM230C	1SYN112713R1001	6,73,250		

Note:

Motor voltage Ue 110-240 V AC/DC (OTM40...125A)
 Motor voltage Ue 220-240 V AC (OTM160...2500A)
 OMD control units can be purchased separately for their motorized changeover switches in order to build an ATS by themselves. Contact nearest sales office for making selection.

Contact our nearest sales office:

- For motor voltage Ue 110...125 V AC/DC (160A-2500A)
- For motor voltage Ue = 48V DC (160A-2500A)

■ Stock items

Compact ATS



Automatic transfer switches, I - O - II operation

Supplied with bridging bars and direct mounted handle

Rated current In [A]	Pole	Description	Ordering code	L.P.(₹)
63	3	OTM63F3C20D400C	1SYN151423R1001	54,720
125		OTM125F3C20D400C	1SYN151423R1003	61,330
63		OTM63F3C21D400C	1SYN151423R1002	79,070
125		OTM125F3C21D400C	1SYN151423R1004	89,390

Rated current In [A]	Pole	Description	Ordering code	L.P.(₹)
40	4	OTM40F4C20D400C	1SYN151252R1001	54,420
63		OTM63F4C20D400C	1SYN151254R1001	57,270
125		OTM125F4C20D400C	1SYN151250R1001	67,470
40		OTM40F4C21D400C	1SYN151253R1001	82,650
63		OTM63F4C21D400C	1SYN151255R1001	86,510
125		OTM125F4C21D400C	1SYN151251R1001	97,730
40		OTM40F4CB21D400C	1SYN150580R1001	82,650
63		OTM63F4CB21D400C	1SYN150586R1001	86,510
125		OTM125F4CB21D400C	1SYN150574R1001	97,930

Note:

- For 2 pole requirement contact nearest sales office

OT automatic transfer switches



Automatic transfer switches, I - O - II operation

Supplied as package solution with switch & OMD

Automatic operation, equipped with OMD300 controller unit with integrated dual power supply				
Rated current In [A]	Poles	Description	Ordering code	L.P.(₹)
160	4	OTM160E4C3D230C	1SYN106305R1001 ■ *	1,37,090
200		OTM200E4C3D230C	1SYN106309R1001 *	1,41,700
250		OTM250E4C3D230C	1SYN106313R1001 *	1,46,320
315		OTM315E4C3D230C	1SYN106317R1001 *	1,53,260
400		OTM400E4C3D230C	1SYN106318R1001 ■ *	1,64,770
630		OTM630E4C3D230C	1SYN108726R1001 *	2,15,620
800		OTM800E4C3D230C	1SYN108728R1001 *	2,84,940
1000		OTM1000E4C3D230C	1SYN112852R1001 *	3,08,050
1250		OTM1250E4C3D230C	1SYN112851R1001 *	3,74,280
1600		OTM1600E4C3D230C	1SYN112848R1001 *	4,62,050

* Automatic Transfer Switches 1SYN... code include the following:

- OTM160...1600_CM_ motorized change-over switch - 1 no.
- Bridging bar - 1 no.
- OMZB_ voltage sensing connectors - 1 no.
- OA1G10 auxiliary contacts - 2 no.
- OMD300E480C-A1 - 1 no.

■ Stock items

Accessories for changeovers (manual, motorized, ATS)



Shaft

Frame	Description	Ordering code	L.P.(₹)
OT16...125F_C	EXP6X170	1SCA108224R1001	470
OT160...250_C	EXP6x161	1SCA022067R176 ■	570
OT315...400_C	EXP12x166	1SCA022325R671	860
OT630...3200_C	EXP12x185	1SCA022325R710 ■	1,400

Handle

Frame	Description	Ordering code	L.P.(₹)
OT16...125F_C	OHB45J6E311	1SCA022817R2130 ■	2,920
OT160...250_C	OHB65J6E011	1SCA022383R2480 ■	3,410
OT315...400_C	OHB95J12E011	1SCA022621R0760 ■	3,700
OT630...800_C	OHB125J12E011	1SCA022589R3340 ■	4,110
OT630...3200_C	OHB200J12PE011	1SCA022873R4230	8,990

Auxiliary contacts

Frame	Contact functions	Installation side	Description	Ordering code	L.P.(₹)
OT16...125F_C	1NO	Right	OA1G10	1SCA022353R497	770
	1NC	Right	OA8G01	1SCA022744R224 ■	1,260
	1NO	Left	OA7G10	1SCA022673R114 ■	1,110
OTM40...125	1NO	Left	OA1G01	1SCA022353R489	770
	1NC	Left	OA1G01	1SCA022353R489	770
OT160...3200	1NO	Right	OA1G10	1SCA022353R4970	770
OTM160...2500	1NC	Right	OA3G01	1SCA022456R7410	860

Phase barriers

3-pole change-overs need 8 barriers and 4-pole change-overs need 12 barriers for full protection.

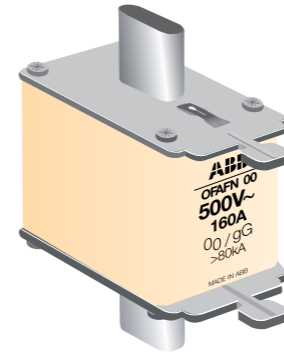
Frame	Poles	Description	Ordering code	L.P.(₹)
OT160...800	3	PB100 low	1SDA054970R1	1,530
OTM160...800	4	PB100 low	1SDA054971R1	2,190

Basic ATS controller for motorised change over

Frame	Description	Ordering code	L.P.(₹)
40...2500A	ODPS230	1SCA122946R1001 ■	16,950

Note: Contact our nearest sales office for more information

OFAF HRC fuse links and base, DIN-type



DIN -type fuse links, gG, 500 V, 80 kA

The ordering code includes one fuse link, the delivery batch is according to the column.

Fuse size	Rated current In (A)	Description	Delivery batch [pcs]	Ordering code	L.P.(₹)		
000	2	OFAFN000GG2	6	1SCA107747R1001 ■	440		
	6	OFAFN000GG6	6	1SCA107748R1001 ■			
	10	OFAFN000GG10	6	1SCA107749R1001 ■			
	16	OFAFN000GG16	6	1SCA107750R1001 ■			
	20	OFAFN000GG20	6	1SCA107751R1001 ■			
	25	OFAFN000GG25	6	1SCA107751R1002 ■			
	32	OFAFN000GG32	6	1SCA107752R1001 ■			
	63	OFAFN000GG63	6	1SCA107753R1001 ■			
	6	OFAFN000GG6	6	1SCA107754R1001			
	10	OFAFN000GG10	6	1SCA107755R1001			
	16	OFAFN000GG16	6	1SCA107756R1001			
	20	OFAFN000GG20	6	1SCA107757R1001			
00	25	OFAFN000GG25	6	1SCA107758R1001	720		
	32	OFAFN000GG32	6	1SCA107759R1001 ■			
	50	OFAFN000GG50	6	1SCA107760R1001 ■			
	63	OFAFN000GG63	6	1SCA107761R1001 ■			
	80	OFAFN000GG80	6	1SCA107762R1001 ■			
	100	OFAFN000GG100	6	1SCA107763R1001 ■			
	125	OFAFN000GG125	6	1SCA107764R1001 ■			
	160	OFAFN000GG160	6	1SCA107765R1001 ■			
	0	160	OFAFH0160	3		1SCA022627R3170	1,350
		200	OFAFH200	3		1SCA022629R5140 ■	
		32	OFAFN1GG32	6		1SCA107766R1001	
		50	OFAFN1GG50	6		1SCA107767R1001	
63		OFAFN1GG63	6	1SCA107768R1001			
80		OFAFN1GG80	6	1SCA107769R1001			
1		100	OFAFN1GG100	6	1SCA107770R1001	1,020	
		125	OFAFN1GG125	6	1SCA107771R1001		
		160	OFAFN1GG160	6	1SCA107772R1001 ■		
		200	OFAFN1GG200	3	1SCA107773R1001 ■		
		250	OFAFN1GG250	3	1SCA107774R1001 ■		
		100	OFAFN2GG100	3	1SCA107775R1001		
	125	OFAFN2GG125	3	1SCA107776R1001			
	2	250	OFAFN2GG250	3	1SCA107778R1001		1,470
		315	OFAFN2GG315	3	1SCA107779R1001 ■		
		400	OFAFN2GG400	3	1SCA107780R1001 ■		
		315	OFAFN3GG315	3	1SCA107781R1001		
		3	500	OFAFN3GG500	3		
630			OFAFN3GG630	3	1SCA107784R1001 ■		
800			OFAFN3GG800	3	1SCA107785R1001 ■		

Fuse size	Rated current In (A)	Description	Ordering code	L.P.(₹)
00	160		1SCA833001R2001 ■	560
1	250	Fuse Base - Din type	1SCA833001R2002 ■	1,140
2	400		1SCA833001R2003 ■	1,140
3	630		1SCA833001R2004 ■	1,140

■ Stock items

OFF HRC fuse links and base, BS-type



BS -type fuse links, gG, 415 V, 80 kA

The type code includes one fuse link, but the delivery batch is according to the column.

Fuse size	Rated current In [A]	Description	Delivery batch [pcs]	Ordering code	L.P.(₹)		
Offset blade tag fuse link							
F1	2	OFFNF1GG2	10	1SCA107786R1001 ■	120		
	4	OFFNF1GG4	10	1SCA107787R1001 ■			
	6	OFFNF1GG6	10	1SCA107788R1001 ■			
	10	OFFNF1GG10	10	1SCA107789R1001 ■			
	16	OFFNF1GG16	10	1SCA107790R1001 ■			
	20	OFFNF1GG20	10	1SCA107791R1001 ■			
	25	OFFNF1GG25	10	1SCA107792R1001 ■			
	32	OFFNF1GG32	10	1SCA107793R1001 ■			
Offset bolted tag fuse link							
A2	6	OFFNA2GG6	10	1SCA107795R1001	200		
	10	OFFNA2GG10	10	1SCA107796R1001			
	16	OFFNA2GG16	10	1SCA107798R1001			
	20	OFFNA2GG20	10	1SCA107827R1001			
	25	OFFNA2GG25	10	1SCA107800R1001			
	32	OFFNA2GG32	10	1SCA107801R1001 ■			
	A3	40	OFFNA3GG40	10		1SCA107803R1001 ■	250
		50	OFFNA3GG50	10		1SCA107804R1001	
		63	OFFNA3GG63	10		1SCA107805R1001 ■	
		50	OFFNA4GG50	10		1SCA107806R1001	
		63	OFFNA4GG63	10		1SCA107807R1001	
		80	OFFNA4GG80	10		1SCA107808R1001	
A4	100	OFFNA4GG100	10	1SCA107809R1001 ■	490		
	125	OFFNA4GG125	10	1SCA107810R1001 ■			
	Central bolted tag fuse link						
	B1	50	OFFNB1GG50	10		1SCA107811R1001	580
		63	OFFNB1GG63	10		1SCA107812R1001	
		80	OFFNB1GG80	10		1SCA107813R1001	
100		OFFNB1GG100	10	1SCA107814R1001			
B2	125	OFFNB2GG125	10	1SCA107816R1001	770		
	160	OFFNB2GG160	5	1SCA107817R1001 ■			
	200	OFFNB2GG200	5	1SCA107818R1001 ■			
	250	OFFNB3GG250	1	1SCA107819R1001 ■			
B3	315	OFFNB3GG315	1	1SCA107820R1001	1,460		
	400	OFFNB4GG400	1	1SCA107822R1001	1,730		
C1	400	OFFNC1GG400	1	1SCA107823R1001	3,330		
C2	500	OFFNC2GG500	1	1SCA107824R1001	3,780		
C2	630	OFFNC2GG630	1	1SCA107825R1001			
C3	800	OFFNC3GG800	1	1SCA107826R1001	5,630		

Fuse size	Rated current In [A]	Description	Delivery batch [pcs]	Ordering code	L.P.(₹)
F1	20	Control Fuse Base	100	1SYN833001R2005 ■	200
	32		100	1SYN833001R2009 ■	250

DOL and star delta starters



Direct on line starter:

Rating at 415V 50Hz		Back - up Fuse rating (A)	Type code reference	Ordering code	L.P.(₹)
HP	kW				
0.25	0.18	4A	MA-0.25 **	1SYN140318R□□25	4,180
0.50	0.37	4A	MA-0.50 **	1SYN140318R□□05	4,180
0.75	0.52	6A	MA-0.75 **	1SYN140318R□□75	4,180
1.00	0.75	6A	MA-1.00 **	1SYN140318R□□10 ■	4,180
1.50	1.10	10A	MA-1.50 **	1SYN140318R□□15	4,180
2.00	1.50	10A	MA-2.00 **	1SYN140318R□□20 ■	4,180
3.00	2.20	16A	MA-3.00 **	1SYN140318R□□30 ■	4,180
5.00	3.70	25A	MA-5.00 **	1SYN140318R□□50 ■	4,180
7.50	5.50	32A	MA-7.50 **	1SYN16018R□□75 ■	4,180
10.00	7.50	32A	MA-10.00 **	1SYN180318R□□10 ■	4,520



Fully automatic Star Delta starter:

Rating at 415V 50Hz		Type code reference	Ordering code	L.P.(₹)
HP	kW			
12.5	12.5/9.3	SDA-12.5 **	1SYN184322R□□00 ■	16,370
15	15/11	SDA-15 **	1SYN242322R□□00 ■	17,810
20	20/15	SDA- 20 **	1SYN244322R□□00 ■	20,650
25	25/18.5	SDA-25 **	1SYN246322R□□00	21,510
30	30/22	SDA-30 **	1SYN282322R□□00	25,990
35	35/26	SDA-35 **	1SYN284322R□□00	28,830
40	40/30	SDA-40 **	1SYN322322R□□00	34,990
50	50/37	SDA-50 **	1SYN352342R□□00	42,410
60	60/45	SDA-60 **	1SYN372342R□□00	54,550
75	75/55	SDA-75 **	1SYN412342R□□00	63,930

Complete the starter type code by replacing the ** with the desired coil voltage.

Voltage	Code
□□□	□□
220 ... 230 V coil	3 8
400 ... 415 V coil	8 6 ■

DOL Starter with IP65 enclosure



4KE 7.5KW 415V, IP65 compact plastic enclosure with double insulation



Description	Ordering code	L.P.(₹)
DRAS09-29P 4.0 kW 415V, 415V coil	1SBK104035R2900	8,690
DRAS12-29P 5.5 kW 415V, 415V coil	1SBK114035R2900	9,350
DRAS16-29P 7.5 kW 415V, 415V coil	1SBK124035R2900	12,560

Note: T16 OLR to be ordered separately.

■ Stock items

ESB and EN Installation contactors

Main contacts	Width in number of modular spacings	Rated control circuit voltage ⁽¹⁾ V AC / DC	Type	Ordering code	L.P. (₹)
	1	24	ESB16-20N-01	1SBE11111R0120	3,570
	1	230	ESB16-20N-06	1SBE11111R0620	3,570
	1	24	ESB16-02N-01	1SBE11111R0102	3,740
	1	230	ESB16-02N-06	1SBE11111R0602	3,740
	1	24	ESB16-11N-01	1SBE11111R0111	3,640
	1	230	ESB16-11N-06	1SBE11111R0611	3,640
	1	24	ESB20-20N-01	1SBE12111R0120	3,960
	1	230	ESB20-20N-06	1SBE12111R0620	3,960
	1	24	ESB20-02N-01	1SBE12111R0102	4,130
	1	230	ESB20-02N-06	1SBE12111R0602	4,130
	1	24	ESB20-11N-01	1SBE12111R0111	4,000
	1	230	ESB20-11N-06	1SBE12111R0611	4,000
	2	24	ESB25-40N-01	1SAE23111R0140	4,030
	2	230 ... 240	ESB25-40N-06	1SAE23111R0640	4,030
	2	24	ESB25-04N-01	1SAE23111R0104	4,180
	2	230 ... 240	ESB25-04N-06	1SAE23111R0604	4,180
	2	24	ESB25-22N-01	1SAE23111R0122	4,180
	2	230 ... 240	ESB25-22N-06	1SAE23111R0622	4,180
	2	24	ESB25-31N-01	1SAE23111R0131	4,180
	2	230 ... 240	ESB25-31N-06	1SAE23111R0631	4,180
	2	24	ESB25-13N-01	1SAE23111R0113	4,180
	2	230 ... 240	ESB25-13N-06	1SAE23111R0613	4,180
	3	24	ESB40-40N-01	1SAE34111R0140	7,430
	3	230	ESB40-40N-06	1SAE34111R0640	7,430
	3	24	ESB40-22N-01	1SAE34111R0122	7,550
	3	230	ESB40-22N-06	1SAE34111R0622	7,550
	3	24	ESB40-31N-01	1SAE34111R0131	7,550
	3	230	ESB40-31N-06	1SAE34111R0631	7,550
	3	24	ESB40-30N-01	1SAE34111R0130	7,140
	3	230	ESB40-30N-06	1SAE34111R0630	7,140
	3	24	ESB40-20N-01	1SAE34111R0120	7,140
	3	230	ESB40-20N-06	1SAE34111R0620	6,890
	3	24	ESB63-40N-01	1SAE35111R0140	9,670
	3	230	ESB63-40N-06	1SAE35111R0640	9,670
	3	230	ESB63-31N-06	1SAE35111R0631	9,940
	3	230	ESB63-30N-06	1SAE35111R0630	9,410
	3	24	ESB63-20N-01	1SAE35111R0120	9,260
	3	230	ESB63-20N-06	1SAE35111R0620	9,260
	6	24	ESB100-40N-01	1SAE66111R0140	33,080
	6	230	ESB100-40N-06	1SAE66111R0640	33,080
	3	24	ESB100-20N-01	1SAE36111R0120	31,670
	3	230	ESB100-20N-06	1SAE36111R0620	31,670



Main contacts	Width in number of modular spacings	Rated control circuit voltage ⁽¹⁾ V AC / DC	Type	Ordering code	L.P. (₹)
	1	24	EN20-20N-01	1SBE12211R0120	5,570
	1	230	EN20-20N-06	1SBE12211R0620	5,570
	2	24	EN25- 40N- 01	1SAE23211R0140	16,630
	2	230 ... 240	EN25-40N-06	1SAE23211R0640	16,970
	2	24	EN25-31N-01	1SAE23211R0131	17,090
	2	230 ... 240	EN25-31N-06	1SAE23211R0631	17,090
	2	230 ... 240	EN25-30N-06	1SAE23211R0630	14,840
	3	24	EN40-40N-01	1SAE34211R0140	17,030
	3	230	EN40-40N-06	1SAE34211R0640	17,030
	3	24	EN40-31N-01	1SAE34211R0131	17,170
	3	230	EN40-31N-06	1SAE34211R0631	17,170
	3	230	EN40-30N-06	1SAE34211R0630	15,240
	3	230	EN40-20N-06	1SAE34211R0620	14,840

Auxiliary contact blocks

Auxiliary contacts	Suitable for	Type	Ordering code	L.P. (₹)
Single packaging				
	ESB16..N, ESB20..N, ESB25..N, ESB40..N, ESB63..N, ESB100..N, EN20..N, EN25..N, EN40..N	EH04-11N	1SAE901901R1011	1,300
	ESB16..N, ESB20..N, ESB25..N, ESB40..N, ESB63..N, ESB100..N, EN20..N, EN25..N, EN40..N	EH04-20N	1SAE901901R1020	1,300

Distant piece

Suitable for	Type	Ordering code	L.P. (₹)
Single packaging			
ESB25..N, ESB40..N, ESB63..N, EN25..N, EN40..N, ESB100..N, EN100..N	ESB-DIS	GHE3201902R0001	240

■ Stock items

General conditions of sale

General terms and conditions of sale:

- All prices mentioned in this price list are in Indian Rupees (INR) and this supersedes all previous price lists
- Prices are based on Ex-work basis
- Maximum retail prices (MRPs) mentioned in the publication are maximum recommended selling prices
- List prices (LPs) mentioned are exclusive of all taxes
- Prices are subject to revision without prior notice

Terms of delivery: Ex- work, Nelamangala or any other ABB warehouse in India

Standard delivery terms

Ex-stock or up to 45 working days

Address of Nelamangala warehouse

ABB INDIA LIMITED

#126, Hanchipura Village, Kasaba Hobli
Nelamangala Taluk, Bangalore-562 123
Tel: +91 80 2770 0081
Tel: +91 80 2770 0082
Tel: +91 80 2770 0083

Address of Works Nelamangala

Survey No: 88/3, 88/4, Basavanhalli, Kasaba Hobli,
Nelamangala Taluk, Bangalore - 562 123
Karnataka, India
Tel: +91 80 2294 6618
Tel: +91 80 2294 6619
Fax: +91 80 2294 9999

Peenya

Plot No. 5 & 6, II Phase,
Peenya Industrial Area, Bangalore - 560 058
Karnataka, India
Tel: +91 80 22949354/9585
Fax: +91 80 22949389

Vadodara

Maneja Works, Maneja,
Vadodara - 390 013
Gujarat, India
E-mail: in-da.sales@abb.com
Tollfree No: 1800-4200-707

Warranty policy

ABB guarantees the supply according to the law. Upon expiration, the warranty expires even if the devices have not been operated for any reason. In the case of faults, as long as this does not depend on assembly errors by the customer or third parties, on incorrect use of the materials, lack of or incorrect maintenance, normal wear and tear, faults caused by inexperience or negligence by the purchaser or by transport, by the improper storage of the materials, or failure by the customer to adopt measures to reduce eventual dysfunction, overload with respect to the contractual limits, by unauthorized intervention, by tampering or action effected by the customer, to force majeure, ABB will, throughout the warranty period, repair or replace any defective part of supply free of charge, in the shortest possible time, at its premises. Where the repair cannot be executed at ABB premises, except as otherwise agreed, all the supplementary or relevant expenses shall be borne by the customer.

Repair or replacement will be executed only if the customer has performed all the obligations to that date. The customer may not suspend performance of the obligations in any case in which this warranty is invoked. The term for the repair or replacement of the faulty supply will be agreed by ABB and the customer. The shipment of any supply claimed to be faulty by the customer to ABB and subsequently by ABB to the customer, shall be at the risk and under the responsibility of the customer, who shall arrange adequate insurance coverage. The supply repaired or replaced is shipped at the expense and risk of the customer. Any dispute about a shipment has no effect on the remainder of the supply. The products replaced by ABB become the property of ABB.

General conditions of sale

Any claim regarding the supply, machinery, plant or components not compliant with the specifications or the contractual documentation must be raised in writing, within a maximum term of 8 days from delivery, when the time limit for action expires. In the case of systems, this term is 60 days from execution of the disputed service when the time limit for action expires.

In the case of latent defects, the terms indicated above run from the date of discovery. Once the warranty period has expired, claims are not accepted, even for latent defect. Where the claim is timely and justified, ABB's obligation is limited to replacement of the goods found not in compliance or repetition of execution of the non-compliant service, excluding all rights to the Customer to seek termination of the contract and/or compensation of damages.

With reference to the provision of spare parts, ABB reserves the right to provide materials either from the original supplier or from equivalent supplier.

Warranty period:

1. **Breakers & switches:** The warranty period is 12 months from the date of commissioning or 18 months from the date of ABB's invoice, whichever is earlier.
2. **Control products:** The warranty period is 12 months from the date of commissioning or 18 months from the date of ABB's invoice, whichever is earlier.
3. **Enclosures & Din Rail components:**
 - Components of SB200M and SDB200 will have 5 Years warranty from the date of ABB's invoice, if mounted inside the ABB Distribution boards. If non- ABB enclosure is used, Warranty period is 12 months from the date of commissioning or 18 months from the date of ABB's invoice, whichever is earlier.
 - All other range of products : 12 months from the date of commissioning or 18 months from the date of ABB's invoice, whichever is earlier.

- If products are altered, dismantled, rectified or tampered. Warranty states is not company's entire liability. This does not extend to cover consequential losses or damage or installation cost arising from defective products. Since product improvement is a continuous process, the data furnished in this brochure may undergo revision. For the latest information, you may contact our nearest sales office.

4a. Wiring accessories:

- Standard Switches & Sockets (without LED Lamp) : 10 years from the date of ABB's invoice.
- Electronic Products (with LED Lamp) : 12 months from the date of commissioning or 24 months from the date of ABB's invoice, whichever is earlier.
- ABB mounting boxes are not covered under warranty.
- If products are altered, dismantled, rectified or tampered. Warranty states is not company's entire liability. This does not extend to cover consequential losses or damage or installation cost arising from defective products. Since product improvement is a continuous process, the data furnished in this brochure may undergo revision. For the latest information, you may contact our nearest sales office.

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