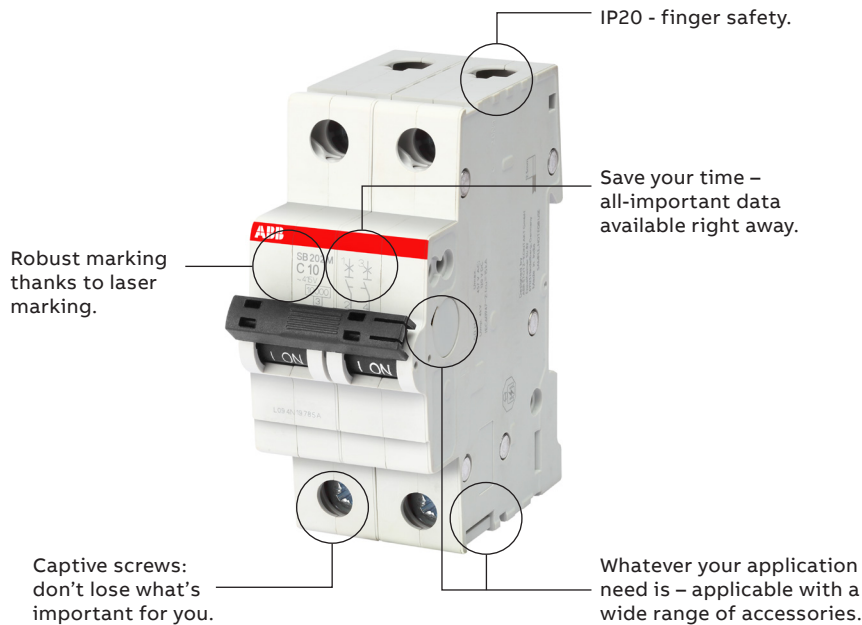


# Miniature Circuit Breaker SB200 M

The details make the difference 



## Technical Features

### General data

Standards	IS/IEC 60898-1
Poles	B: 1P, 1P+N, 2P C: 1P, 2P, 3P, 4P, 1P+N, 3P+N D: 1P, 2P, 3P, 4P
Rated short-circuit capacity (Icn)	10 kA
Tripping characteristics	B, C, D
Reference temperature for tripping characteristics	30°C
Energy limiting class (B-,C- Curve)	3
Rated voltage Ue	1P : 240/415 V AC 1P + N : 240 V AC 2...4P : 415 V AC 3P + N : 415 V AC
Rated current In	B: 6, 10, 16, 20, 25, 32, 40 A C&D: 0,5, 1, 1,6, 2, 3, 4, 6, 10, 16, 20, 25, 32, 40, 50, 63 A
Rated frequency	50/60 Hz
Max. Power frequency recovery voltage (Umax)	1P: 264 V AC; 60V DC; 1P+N:264 V AC; 60V DC; 2...4P : 457 V AC; 2P: 120V DC; 3P+N: 457 V AC; 120V DC;
Min. operating voltage	12 V AC
Rated insulation voltage Ui acc. to IEC/EN 60664-1	250 V AC (phase to ground) , 440 V AC (phase to phase)
Rated impulse withstand voltage Uimp. (1.2/50µs)	4 kV (test voltage 6.2kV at sea level, 5kV at 2000m)
Dielectric test voltage	2 kV (50 / 60Hz, 1 min.)
Overvoltage category	III
Pollution degree	3
Electrical endurance	In < 32A: 20.000 ops.(AC), In ≥ 32A: 10.000 ops.(AC); 1.000 ops. (DC); 1 cycle (2s - ON, 13s - OFF, In ≤ 32A), 1 cycle (2s - ON, 28s - OFF, In >32A)

# MCB SB200 M

## B characteristic



SB201 M B 16

### SB200 M B characteristic

Function: protection and control of the circuits against overloads and short-circuits; protection for resistive and inductive loads with low inrush current.

**Applications: residential and commercial.**

**Standard: IS/IEC 60898-1**

**Icn=10 kA**

### SB201 M B

Number of poles	Rated current In A	Order details		Standard pack	Unit MRP (₹)
		Type code	Order code		
1P	6	SB201 M-B6	1SYS271012R0065 ■	12	419
	10	SB201 M-B10	1SYS271012R0105 ■	12	419
	16	SB201 M-B16	1SYS271012R0165 ■	12	419
	20	SB201 M-B20	1SYS271012R0205 ■	12	419
	25	SB201 M-B25	1SYS271012R0255 ■	12	419
	32	SB201 M-B32	1SYS271012R0325 ■	12	419
	40	SB201 M-B40	1SYS271012R0405 ■	12	820

### SB201 M B NA

Number of poles	Rated current In A	Order details		Standard pack	Unit MRP (₹)
		Type code	Order code		
1P+N	6	SB201 M-B6 NA	1SYS271112R0065 ■	6	1,270
	10	SB201 M-B10 NA	1SYS271112R0105 ■	6	1,270
	16	SB201 M-B16 NA	1SYS271112R0165 ■	6	1,270
	20	SB201 M-B20 NA	1SYS271112R0205 ■	6	1,270
	25	SB201 M-B25 NA	1SYS271112R0255 ■	6	1,270
	32	SB201 M-B32 NA	1SYS271112R0325 ■	6	1,270
	40	SB201 M-B40 NA	1SYS271112R0405 ■	6	2,070

### SB202 M B

Number of poles	Rated current In A	Order details		Standard pack	Unit MRP (₹)
		Type code	Order code		
2P	6	SB202 M-B6	1SYS272012R0065 ■	6	1,260
	10	SB202 M-B10	1SYS272012R0105 ■	6	1,260
	16	SB202 M-B16	1SYS272012R0165 ■	6	1,260
	20	SB202 M-B20	1SYS272012R0205 ■	6	1,260
	25	SB202 M-B25	1SYS272012R0255 ■	6	1,260
	32	SB202 M-B32	1SYS272012R0325 ■	6	1,260
	40	SB202 M-B40	1SYS272012R0405 ■	6	2,020

■ Stock items

# MCB SB200 M

## C characteristic



SB201 M C 16

### SB200 M C characteristic

Function: protection and control of the circuits against overloads and short-circuits; protection for resistive and inductive loads with low inrush current.

**Applications: residential and commercial.**

**Standard: IS/IEC 60898-1**

**Icn=10 kA**

### SB201 M C

Number of poles	Rated current In A	Order details		Standard pack	Unit MRP (₹)
		Type code	Order code		
1P	0.5	SB201 M-C0.5	1SYS271012R0984	12	700
	1	SB201 M-C1	1SYS271012R0014	12	700
	1.6	SB201 M-C1.6	1SYS271012R0974	12	700
	2	SB201 M-C2	1SYS271012R0024	12	610
	3	SB201 M-C3	1SYS271012R0034	12	610
	4	SB201 M-C4	1SYS271012R0044	12	610
	6	SB201 M-C6	1SYS271012R0064 ■	12	419
	10	SB201 M-C10	1SYS271012R0104 ■	12	419
	16	SB201 M-C16	1SYS271012R0164 ■	12	419
	20	SB201 M-C20	1SYS271012R0204 ■	12	419
	25	SB201 M-C25	1SYS271012R0254 ■	12	419
	32	SB201 M-C32	1SYS271012R0324 ■	12	419
	40	SB201 M-C40	1SYS271012R0404	12	820
	50	SB201 M-C50	1SYS271012R0504	12	820
	63	SB201 M-C63	1SYS271012R0634	12	820

### SB201 M C NA

Number of poles	Rated current In A	Order details		Standard pack	Unit MRP (₹)
		Type code	Order code		
1P+N	0.5	SB201 M-C0.5 NA	1SYS271112R0984	6	2,100
	1	SB201 M-C1 NA	1SYS271112R0014	6	2,100
	1.6	SB201 M-C1.6 NA	1SYS271112R0974	6	2,100
	2	SB201 M-C2 NA	1SYS271112R0024	6	1,840
	3	SB201 M-C3 NA	1SYS271112R0034	6	1,840
	4	SB201 M-C4 NA	1SYS271112R0044	6	1,840
	6	SB201 M-C6 NA	1SYS271112R0064 ■	6	1,270
	10	SB201 M-C10 NA	1SYS271112R0104 ■	6	1,270
	16	SB201 M-C16 NA	1SYS271112R0164 ■	6	1,270
	20	SB201 M-C20 NA	1SYS271112R0204 ■	6	1,270
	25	SB201 M-C25 NA	1SYS271112R0254 ■	6	1,270
	32	SB201 M-C32 NA	1SYS271112R0324 ■	6	1,270
	40	SB201 M-C40 NA	1SYS271112R0404 ■	6	2,070
	50	SB201 M-C50 NA	1SYS271112R0504 ■	6	2,070
	63	SB201 M-C63 NA	1SYS271112R0634 ■	6	2,070

■ Stock items

# MCB SB200 M

## C characteristic



SB202 M C 16

### SB202 M C

Number of poles	Rated current In A	Order details		Standard pack	Unit MRP (₹)
		Type code	Order code		
2P	0.5	SB202 M-C0.5	1SYS272012R0984	6	1,950
	1	SB202 M-C1	1SYS272012R0014	6	1,950
	1.6	SB202 M-C1.6	1SYS272012R0974	6	1,950
	2	SB202 M-C2	1SYS272012R0024	6	1,790
	3	SB202 M-C3	1SYS272012R0034	6	1,790
	4	SB202 M-C4	1SYS272012R0044	6	1,790
	6	SB202 M-C6	1SYS272012R0064 ■	6	1,260
	10	SB202 M-C10	1SYS272012R0104 ■	6	1,260
	16	SB202 M-C16	1SYS272012R0164 ■	6	1,260
	20	SB202 M-C20	1SYS272012R0204 ■	6	1,260
	25	SB202 M-C25	1SYS272012R0254 ■	6	1,260
	32	SB202 M-C32	1SYS272012R0324 ■	6	1,260
	40	SB202 M-C40	1SYS272012R0404 ■	6	2,020
	50	SB202 M-C50	1SYS272012R0504 ■	6	2,020
63	SB202 M-C63	1SYS272012R0634 ■	6	2,020	

### SB203 M C

Number of poles	Rated current In A	Order details		Standard pack	Unit MRP (₹)
		Type code	Order code		
3P	0.5	SB203 M-C0.5	1SYS273012R0984	4	3,010
	1	SB203 M-C1	1SYS273012R0014	4	3,010
	1.6	SB203 M-C1.6	1SYS273012R0974	4	3,010
	2	SB203 M-C2	1SYS273012R0024	4	2,750
	3	SB203 M-C3	1SYS273012R0034	4	2,750
	4	SB203 M-C4	1SYS273012R0044	4	2,750
	6	SB203 M-C6	1SYS273012R0064 ■	4	2,070
	10	SB203 M-C10	1SYS273012R0104 ■	4	2,070
	16	SB203 M-C16	1SYS273012R0164 ■	4	2,070
	20	SB203 M-C20	1SYS273012R0204 ■	4	2,070
	25	SB203 M-C25	1SYS273012R0254 ■	4	2,070
	32	SB203 M-C32	1SYS273012R0324 ■	4	2,070
	40	SB203 M-C40	1SYS273012R0404 ■	4	3,160
	50	SB203 M-C50	1SYS273012R0504 ■	4	3,160
63	SB203 M-C63	1SYS273012R0634 ■	4	3,160	

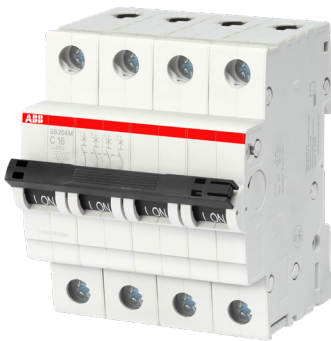
■ Stock items

# MCB SB200 M

## C characteristic

### SB203M C NA

Number of poles	Rated current In A	Order details		Standard pack	Unit MRP (₹)
		Type code	Order code		
3P+N	0.5	SB203 M-C0.5 NA	1SYS273112R0984	3	4,450
	1	SB203 M-C1 NA	1SYS273112R0014	3	4,450
	1.6	SB203 M-C1.6 NA	1SYS273112R0974	3	4,450
	2	SB203 M-C2 NA	1SYS273112R0024	3	3,910
	3	SB203 M-C3 NA	1SYS273112R0034	3	3,910
	4	SB203 M-C4 NA	1SYS273112R0044	3	3,910
	6	SB203 M-C6 NA	1SYS273112R0064 ■	3	2,810
	10	SB203 M-C10 NA	1SYS273112R0104 ■	3	2,810
	16	SB203 M-C16 NA	1SYS273112R0164 ■	3	2,810
	20	SB203 M-C20 NA	1SYS273112R0204 ■	3	2,810
	25	SB203 M-C25 NA	1SYS273112R0254 ■	3	2,810
	32	SB203 M-C32 NA	1SYS273112R0324 ■	3	2,810
	40	SB203 M-C40 NA	1SYS273112R0404 ■	3	3,970
	50	SB203 M-C50 NA	1SYS273112R0504 ■	3	3,970
	63	SB203 M-C63 NA	1SYS273112R0634 ■	3	3,970



SB204 M C 16

### SB204 M C

Number of poles	Rated current In A	Order details		Standard pack	Unit MRP (₹)
		Type code	Order code		
4P	0.5	SB204 M-C0.5	1SYS274012R0984	3	4,220
	1	SB204 M-C1	1SYS274012R0014	3	4,220
	1.6	SB204 M-C1.6	1SYS274012R0974	3	4,220
	2	SB204 M-C2	1SYS274012R0024	3	3,700
	3	SB204 M-C3	1SYS274012R0034	3	3,700
	4	SB204 M-C4	1SYS274012R0044	3	3,700
	6	SB204 M-C6	1SYS274012R0064 ■	3	2,660
	10	SB204 M-C10	1SYS274012R0104 ■	3	2,660
	16	SB204 M-C16	1SYS274012R0164 ■	3	2,660
	20	SB204 M-C20	1SYS274012R0204 ■	3	2,660
	25	SB204 M-C25	1SYS274012R0254 ■	3	2,660
	32	SB204 M-C32	1SYS274012R0324 ■	3	2,660
	40	SB204 M-C40	1SYS274012R0404 ■	3	4,070
	50	SB204 M-C50	1SYS274012R0504 ■	3	4,070
	63	SB204 M-C63	1SYS274012R0634 ■	3	4,070

■ Stock items

# MCB SB200 M

## D characteristic



SB202 M D 16

### SB200 M D characteristic

Function: protection and control of the circuits against overloads and short-circuits; protection for resistive and inductive loads with low inrush current.

**Applications: residential and commercial.**

**Standard: IS/IEC 60898-1**

**Icn=10 kA**

### SB201 M D

Number of poles	Rated current In A	Order details		Standard pack	Unit MRP (₹)
		Type code	Order code		
1P	0.5	SB201 M-D0,5	1SYS271012R0981	12	810
	1	SB201 M-D1	1SYS271012R0011	12	810
	1.6	SB201 M-D1,6	1SYS271012R0971	12	810
	2	SB201 M-D2	1SYS271012R0021	12	710
	3	SB201 M-D3	1SYS271012R0031	12	710
	4	SB201 M-D4	1SYS271012R0041	12	710
	6	SB201 M-D6	1SYS271012R0061	12	580
	10	SB201 M-D10	1SYS271012R0101	12	580
	16	SB201 M-D16	1SYS271012R0161	12	580
	20	SB201 M-D20	1SYS271012R0201	12	580
	25	SB201 M-D25	1SYS271012R0251	12	580
	32	SB201 M-D32	1SYS271012R0321	12	580
	40	SB201 M-D40	1SYS271012R0401	12	980
	50	SB201 M-D50	1SYS271012R0501	12	980
	63	SB201 M-D63	1SYS271012R0631	12	980

### SB202 M D

Number of poles	Rated current In A	Order details		Standard pack	Unit MRP (₹)
		Type code	Order code		
2P	0.5	SB202 M-D0.5	1SYS272012R0981	6	2,310
	1	SB202 M-D1	1SYS272012R0011	6	2,310
	1.6	SB202 M-D1.6	1SYS272012R0971	6	2,310
	2	SB202 M-D2	1SYS272012R0021	6	2,030
	3	SB202 M-D3	1SYS272012R0031	6	2,030
	4	SB202 M-D4	1SYS272012R0041	6	2,030
	6	SB202 M-D6	1SYS272012R0061	6	1,450
	10	SB202 M-D10	1SYS272012R0101	6	1,450
	16	SB202 M-D16	1SYS272012R0161	6	1,450
	20	SB202 M-D20	1SYS272012R0201	6	1,450
	25	SB202 M-D25	1SYS272012R0251	6	1,450
	32	SB202 M-D32	1SYS272012R0321	6	1,450
	40	SB202 M-D40	1SYS272012R0401	6	2,380
	50	SB202 M-D50	1SYS272012R0501	6	2,380
	63	SB202 M-D63	1SYS272012R0631	6	2,380

# MCB SB200 M

## D characteristic



SB203 M D 16

### SB203 M D

Number of poles	Rated current In A	Order details		Standard pack	Unit MRP (₹)
		Type code	Order code		
3P	0.5	SB203 M-D0.5	1SYS273012R0981	4	3,570
	1	SB203 M-D1	1SYS273012R0011	4	3,570
	1.6	SB203 M-D1.6	1SYS273012R0971	4	3,570
	2	SB203 M-D2	1SYS273012R0021	4	3,130
	3	SB203 M-D3	1SYS273012R0031	4	3,130
	4	SB203 M-D4	1SYS273012R0041	4	3,130
	6	SB203 M-D6	1SYS273012R0061	4	2,360
	10	SB203 M-D10	1SYS273012R0101	4	2,360
	16	SB203 M-D16	1SYS273012R0161	4	2,360
	20	SB203 M-D20	1SYS273012R0201	4	2,360
	25	SB203 M-D25	1SYS273012R0251	4	2,360
	32	SB203 M-D32	1SYS273012R0321	4	2,360
	40	SB203 M-D40	1SYS273012R0401	4	3,730
	50	SB203 M-D50	1SYS273012R0501	4	3,730
63	SB203 M-D63	1SYS273012R0631	4	3,730	

### SB204 M D

Number of poles	Rated current In A	Order details		Standard pack	Unit MRP (₹)
		Type code	Order code		
4P	0.5	SB204 M-D0.5	1SYS274012R0981	3	3,920
	1	SB204 M-D1	1SYS274012R0011	3	3,920
	1.6	SB204 M-D1.6	1SYS274012R0971	3	3,920
	2	SB204 M-D2	1SYS274012R0021	3	4,120
	3	SB204 M-D3	1SYS274012R0031	3	4,120
	4	SB204 M-D4	1SYS274012R0041	3	4,120
	6	SB204 M-D6	1SYS274012R0061	3	3,280
	10	SB204 M-D10	1SYS274012R0101	3	3,280
	16	SB204 M-D16	1SYS274012R0161	3	3,280
	20	SB204 M-D20	1SYS274012R0201	3	3,280
	25	SB204 M-D25	1SYS274012R0251	3	3,280
	32	SB204 M-D32	1SYS274012R0321	3	3,280
	40	SB204 M-D40	1SYS274012R0401	3	4,310
	50	SB204 M-D50	1SYS274012R0501	3	4,310
63	SB204 M-D63	1SYS274012R0631	3	4,310	

# Miniature Circuit Breaker SB200 DC

Right product for right application

The range impresses with its performance, approvals and high in-built short-circuit breaking capacity for

DC application. Can be used in SP version at 250V DC and DP version upto 500V DC.

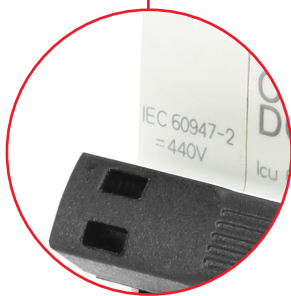
Polarity marking.



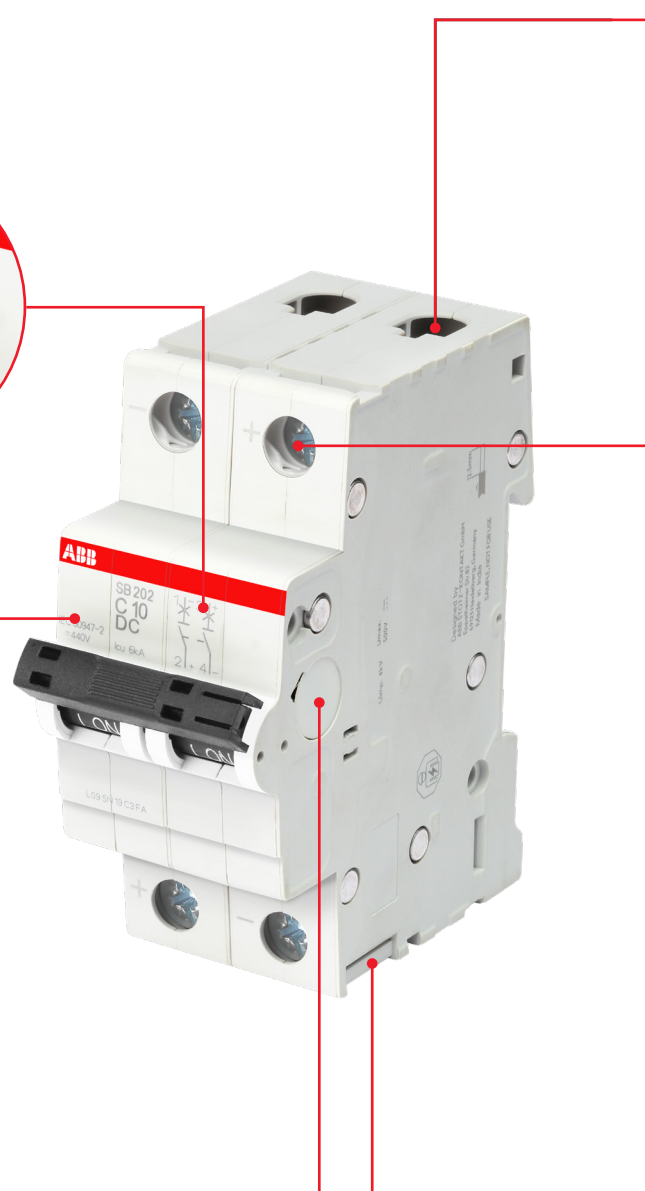
IP20 - finger safety.

Captive screws: don't lose what's important for you.

Approvals and standard.



Whatever your application need is – applicable with a wide range of accessories.





**State-of-the-art design  
(Aesthetics & Ergonomics)**

Elegant in appearance and the knob is designed for easy operation.



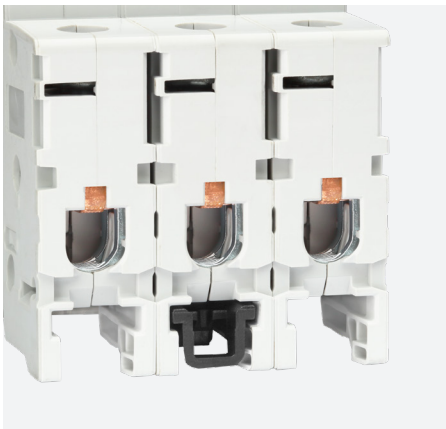
**Laser marking**

All printing of the SB200 MCBs, like the approvals on the product identification, are printed by a laser. The laser printing ensures a friction, scratch and solvent resistant marking on the MCBs. Easy identification of the products in case of maintenance or replacement, due to safe laser printing.



**Housing cover with fire retardant material**

High performance 100% recyclable plastic material with fire retardant, high melting point, low water absorption & high dielectric strength properties. ABB is taking care of the environment... with the latest generation of thermoplastics, it is possible to recycle the MCBs – especially the thermoplastic housing material can be re-used. SB200 is 100% free of halogens.



**IP20 protection**

IP20 - finger safe terminals. The System pro M compact® MCBs are equipped with 25 mm<sup>2</sup> cage terminals, suitable for both cable and pin type busbar upto 10 sqmm.



**Labelling area**

Provision for providing label enables easy identification and polarity marking of circuit during installation, operation & maintenance.



**Accessories mountable**

Wide range of add-on accessories having 30 different types of accessories. Max. possibility of mounting: 4 different accessories on the right side and 1 on the left side ensures highest flexibility of functions. Universal contact, motorised unique accessory like mechanical tripping devices available only with ABB.

# MCB SB200 DC

## C characteristic

### SB200 DC characteristic

Function: protection and control of the circuits against overloads and short-circuits; protection for resistive and inductive loads with low inrush current.

**Applications: residential, commercial and industrial.**

**Standard: IS/IEC 60947-2**

**Icn=6 kA**



SB201 C 6 DC

### SB201 DC C

Number of poles	Rated current In A	Order details		Standard pack	Unit L.P. (₹)
		Type code	Order code		
1P	1.6	SB201-C1.6DC	1SYS251067R0974	12	1,320
	2	SB201-C2DC	1SYS251067R0024	12	1,320
	3	SB201-C3DC	1SYS251067R0034	12	1,320
	4	SB201-C4DC	1SYS251067R0044	12	1,320
	6	SB201-C6DC	1SYS251067R0064	12	1,080
	10	SB201-C10DC	1SYS251067R0104	12	1,080
	16	SB201-C16DC	1SYS251067R0164	12	1,080
	20	SB201-C20DC	1SYS251067R0204	12	1,080
	25	SB201-C25DC	1SYS251067R0254	12	1,080
	32	SB201-C32DC	1SYS251067R0324	12	1,080
	40	SB201-C40DC	1SYS251067R0404	12	1,380
	50	SB201-C50DC	1SYS251067R0504	12	1,380
	63	SB201-C63DC	1SYS251067R0634	12	1,380

### SB202 DC



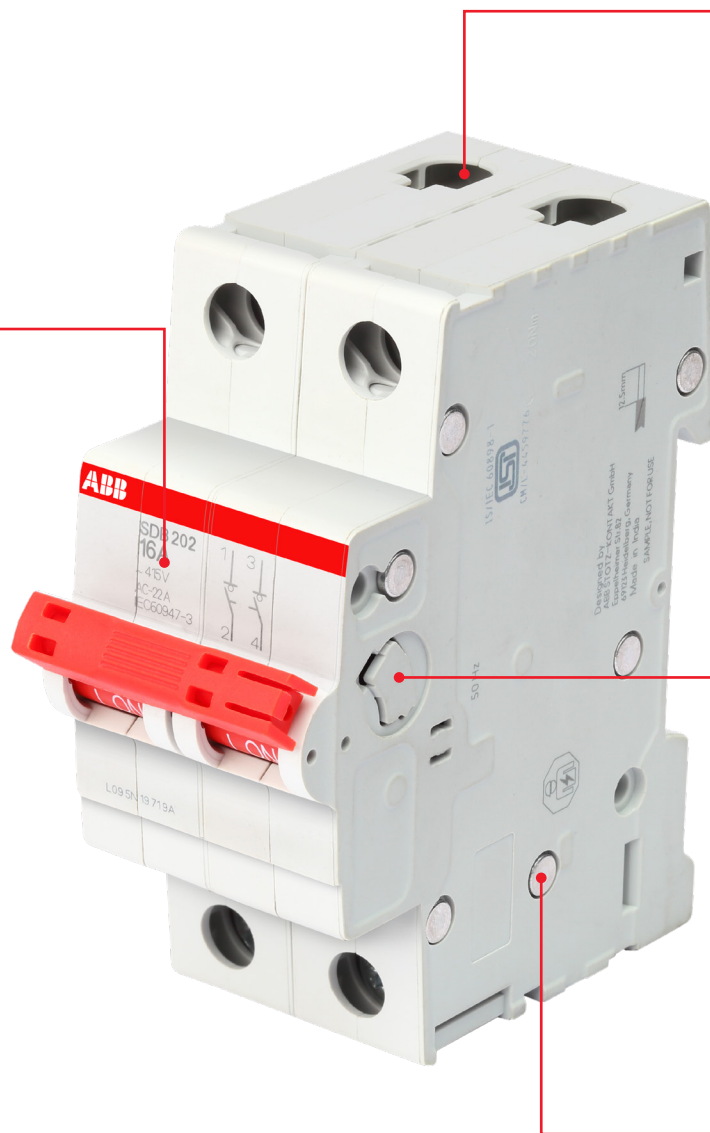
SB202 C 10 DC

Number of poles	Rated current In A	Order details		Standard pack	Unit L.P. (₹)
		Type code	Order code		
2P	1.6	SB202-C1.6DC	1SYS252067R0974	6	2,800
	2	SB202-C2DC	1SYS252067R0024	6	2,800
	3	SB202-C3DC	1SYS252067R0034	6	2,800
	4	SB202-C4DC	1SYS252067R0044	6	2,800
	6	SB202-C6DC	1SYS252067R0064	6	2,270
	10	SB202-C10DC	1SYS252067R0104	6	2,270
	16	SB202-C16DC	1SYS252067R0164	6	2,270
	20	SB202-C20DC	1SYS252067R0204	6	2,270
	25	SB202-C25DC	1SYS252067R0254	6	2,270
	32	SB202-C32DC	1SYS252067R0324	6	2,270
	40	SB202-C40DC	1SYS252067R0404	6	3,070
	50	SB202-C50DC	1SYS252067R0504	6	3,070
	63	SB202-C63DC	1SYS252067R0634	6	3,070

# Switch Disconnecter SDB200

The details make the difference

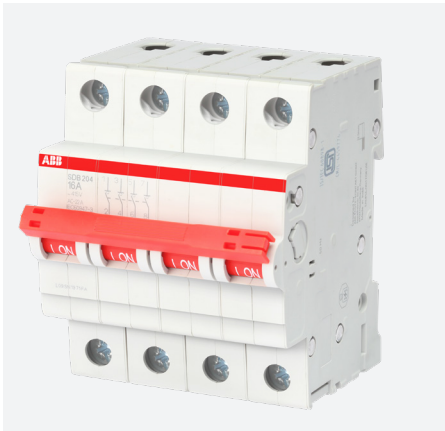
**Easy product coding – easy identification:**  
basic technical information already integrated into the name.



IP20 - finger safety.

Fully compatible with all System pro M devices and accessories.

**Patented housing design:**  
Environment-friendly and performance-optimized.



### Patented housing design

By using state-of-the-art housing material, ABB is taking care of the environment. With the latest generation of halogen-free thermoplastics for SDB200, it is possible to recycle the switch disconnectors completely without environmental pollution. The material works for the stability.



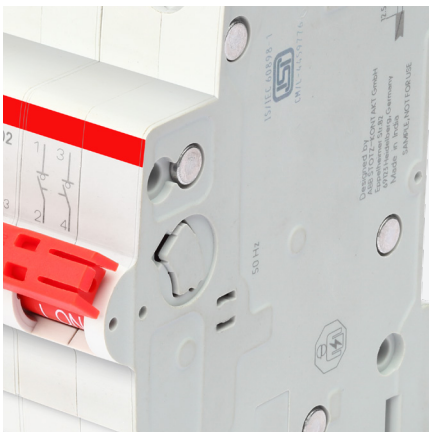
### Highest performance

With a rated voltage of 253/440 V AC, a rated conditional short-circuit current of 25 kA, terminals with protection from misconnection, a "Real CPI" switching position display, as well as full compatibility with all MCB accessories, the SDB200 is unique in its field of application. SDB200 complies with IEC/EN 60947-3.



### IP20 protection

IP20 - finger safe terminals. The System pro M compact® MCBs are equipped with 25 mm<sup>2</sup> cylinder lift twin terminals, a well-proven and reliable technology - designed for sophisticated industrial use. The cross wiring can be easily done by inserting the System pro M compact® busbars into the rear terminal part and then the incoming wires into the front part of the terminal.



### Laser printing

All labels on the SDB200, as the approvals on the dome, technical details and the product identification, are printed by a laser. The laser printing ensures a friction, scratch and solvent resistant marking on the switch disconnectors for easy identification in case of maintenance or replacement. For control and acceptance procedure, it is important to see all markings also in the mounted position.



### ISI and CE marking

In addition to the International standards and markings IEC, the product is certified as per latest Indian Standards (ISI)



### Wide range of accessories

SDB200 is fully compatible to the complete range of System pro M compact accessories like:

- Auxiliary contacts, to be mounted on the left side, the right side or bottom fitting
- Shunt trips
- Undervoltage release
- Motor operating devices

# Switch Disconnecter

## SDB200



SDB203 16 A

### SDB202

Number of poles	Rated current In A	Order details		Standard pack	Unit MRP (₹)
		Type code	Order code		
2P	40	SDB202/40	1SYD272115R0040 ■	6	920
	63	SDB202/63	1SYD272115R0063 ■	6	1,190

### SDB203

Number of poles	Rated current In A	Order details		Standard pack	Unit MRP (₹)
		Type code	Order code		
3P	40	SDB203/40	1SYD273115R0040 ■	4	1,560
	63	SDB203/63	1SYD273115R0063 ■	4	1,830

### SDB204

Number of poles	Rated current In A	Order details		Standard pack	Unit MRP (₹)
		Type code	Order code		
4P	40	SDB204/40	1SYD274115R0040 ■	3	1,940
	63	SDB204/63	1SYD274115R0063 ■	3	2,140

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

## E200



E201

### E200

Number of poles	Rated current In A	Order details		Standard pack	Unit L.P. (₹)
		Type code	Order code		

#### Double pole

2P	80	E202/80r	2CDE282001R0080	1	1,640
	100	E202/100r	2CDE282001R0100	1	2,580
	125	E202/125r	2CDE282001R0125	1	2,660

#### Triple pole

3P	80	E203/80r	2CDE283001R0080	1	2,760
	100	E203/100r	2CDE283001R0100	1	3,010
	125	E203/125r	2CDE283001R0125	1	3,360

#### Four pole

4P	80	E204/80r	2CDE284001R0080	1	3,100
	100	E204/100r	2CDE284001R0100	1	3,290
	125	E204/125r	2CDE284001R0125	1	3,680

## Change over switch



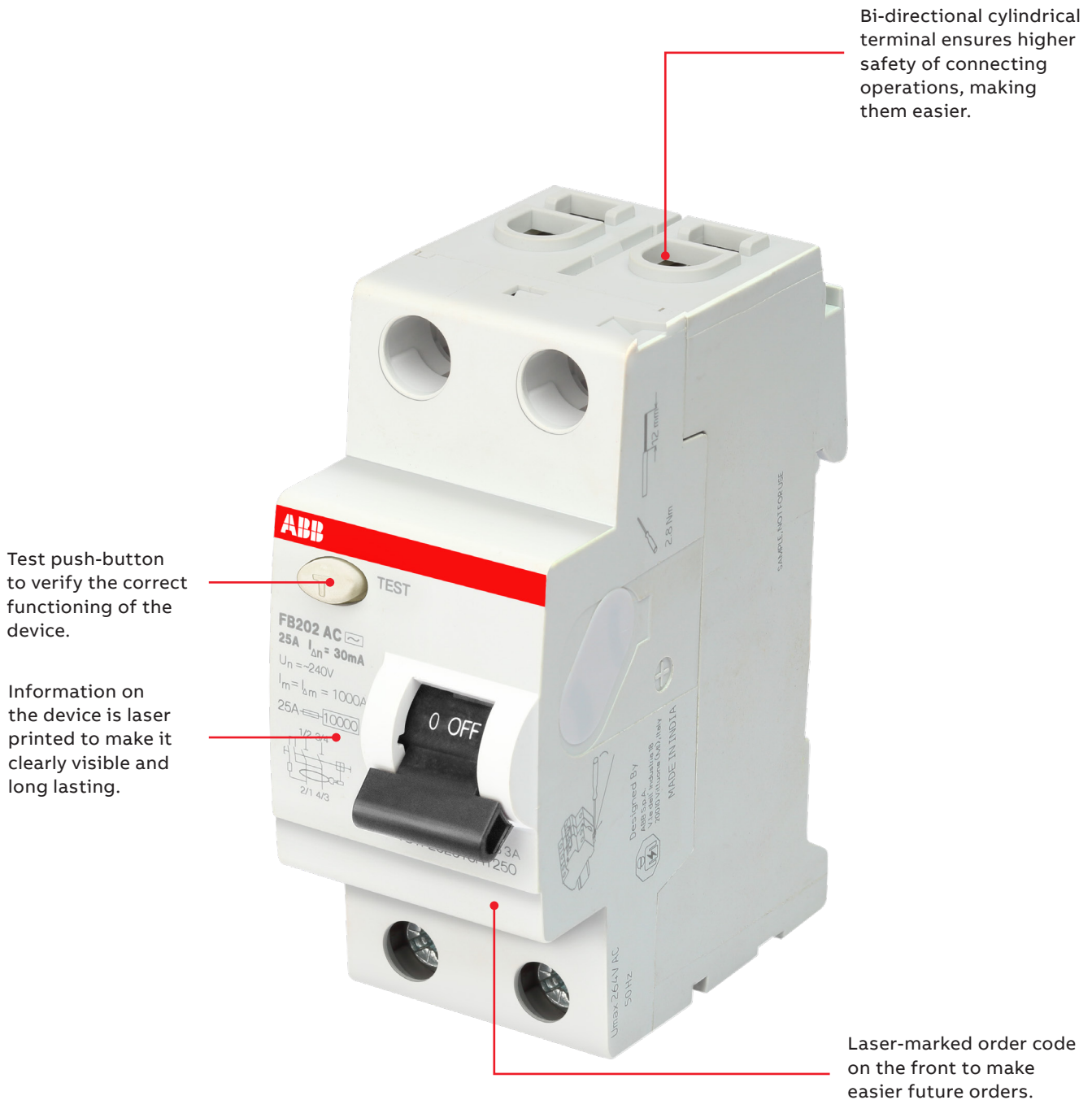
E213

Description	Ordering code	Unit L.P. (₹)
E213-16-002, double pole change over switch, 16 A (I-II)	2CCA703045R0001	3,740
E213-25-002, double pole change over switch, 25 A (I-II)	2CCA703046R0001	4,650
E214-16-202, group switch, 16 A (I-O-II)	2CCA703030R0001	4,200
E214-25-202, group switch, 25 A (I-O-II)	2CCA703031R0001	4,710

■ Stock items

# Residual Current Circuit Breaker FB200

A range designed to ensure efficiency and protection



Test push-button to verify the correct functioning of the device.

Information on the device is laser printed to make it clearly visible and long lasting.

Bi-directional cylindrical terminal ensures higher safety of connecting operations, making them easier.

Laser-marked order code on the front to make easier future orders.



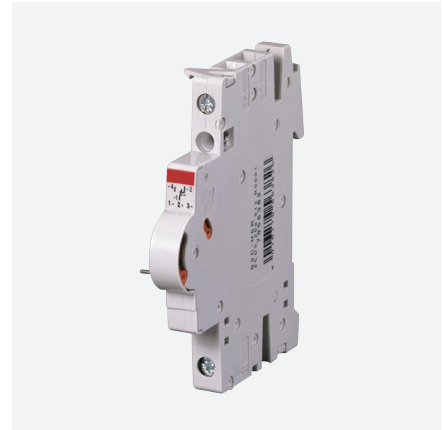
### ISI and CE marking

In addition to the international standards and markings IEC, the product is certified as per latest Indian Standards (ISI).



### High performance

- Rated breaking capacity and rated residual breaking capacity laser printed on the device:  
 $I_m = I_{\Delta m} = 1000 \text{ mA}$
- Co-ordination with a 63 A rated current with conditional short-circuit capacity  $I_{nc} = 10000 \text{ A}$ .



### Accessories mountable

Wide range of add-on accessories having 30 different types of accessories. Max. possibility of mounting: 4 different accessories on the right side and 1 on the left side ensures highest flexibility of functions. Universal contact, motorised unique accessory like mechanical tripping devices available only with ABB.



### Termination

The availability of two terminals offers different connection solutions, thanks to the possibility to connect two independent cables in the same device: the second terminal can be used for an auxiliary circuit or for the supply of devices with small section cables without connecting them together with the main circuit.



### Auto reclosing

The FB200 can be coupled with the auto reclosing unit F2C-ARH in order to ensure continuity of service for the whole installation of your home, avoiding lack of supply.



### Dual termination

Two terminals are available, the fore one for cables up to 25 mm<sup>2</sup>, the back one for cables up to 10 mm<sup>2</sup> or for busbars.

# RCCB FB200 and F200 higher rating

AC  type

**FB200 AC and F200 type function:** protection against the effects of sinusoidal alternating earth fault currents; protection against indirect contacts and additional protection against direct contacts (with  $I_{\Delta n}=30$  mA).

**Application:** residential, commercial, industrial.

**Standard:** IEC/EN 61008-1; IEC/EN 61008-2-1

**Marking:** according to EN 61008-1; EN 61008-2-1

## FB202 AC



FB202 AC

Number of poles	Rated current In A	Residual rated current (mA)	Order details		Standard pack	Unit MRP (₹)
			Type code	Order code		
2P	25	30	FB202 AC-25/0.03	1SYF202015R1250 ■	1	4,410
	25	100	FB202 AC-25/0.1	1SYF202015R2250 ■	1	4,630
	25	300	FB202 AC-25/0.3	1SYF202015R3250	1	4,650
	40	30	FB202 AC-40/0.03	1SYF202015R1400 ■	1	5,070
	40	100	FB202 AC-40/0.1	1SYF202015R2400 ■	1	5,300
	40	300	FB202 AC-40/0.3	1SYF202015R3400	1	5,460
	63	30	FB202 AC-63/0.03	1SYF202015R1630 ■	1	5,980
	63	100	FB202 AC-63/0.1	1SYF202015R2630 ■	1	6,180
	63	300	FB202 AC-63/0.3	1SYF202015R3630	1	6,300

## F202 AC

Number of poles	Rated current In A	Residual rated current (mA)	Order details		Standard pack	Unit L.P. (₹)
			Type code	Order code		
2P	80	30	F202 AC-80/0.03	2CSF202005R1800	1	16,490
	80	100	F202 AC-80/0.1	2CSF202005R2800	1	16,330
	80	300	F202 AC-80/0.3	2CSF202005R3800	1	16,330
	100	30	F202 AC-100/0.03	2CSF202005R1900	1	14,780
	100	100	F202 AC-100/0.1	2CSF202005R2900	1	15,470
	100	300	F202 AC-100/0.3	2CSF202005R3900	1	16,750

## FB204 AC



FB204 AC

Number of poles	Rated current In A	Residual rated current (mA)	Order details		Standard pack	Unit MRP (₹)
			Type code	Order code		
4P	25	30	FB204 AC-25/0.03	1SYF204015R1250	1	5,860
	25	100	FB204 AC-25/0.1	1SYF204015R2250	1	6,140
	25	300	FB204 AC-25/0.3	1SYF204015R3250	1	6,370
	40	30	FB204 AC-40/0.03	1SYF204015R1400 ■	1	5,980
	40	100	FB204 AC-40/0.1	1SYF204015R2400 ■	1	6,020
	40	300	FB204 AC-40/0.3	1SYF204015R3400 ■	1	6,420
	63	30	FB204 AC-63/0.03	1SYF204015R1630 ■	1	6,790
	63	100	FB204 AC-63/0.1	1SYF204015R2630 ■	1	7,270
	63	300	FB204 AC-63/0.3	1SYF204015R3630 ■	1	7,340

## F204 AC

Number of poles	Rated current In A	Residual rated current (mA)	Order details		Standard pack	Unit L.P. (₹)
			Type code	Order code		
4P	80	30	F204 AC-80/0.03	2CSF204005R1800	1	17,480
	80	100	F204 AC-80/0.1	2CSF204005R2800	1	18,270
	80	300	F204 AC-80/0.3	2CSF204005R3800	1	18,470
	100	30	F204 AC-100/0.03	2CSF204005R1900	1	17,770
	100	100	F204 AC-100/0.1	2CSF204005R2900	1	19,780
	100	300	F204 AC-100/0.3	2CSF204005R3900	1	19,290
	125	30	F204 AC-125/0.03	2CSF204001R1950	1	
	125	100	F204 AC-125/0.1	2CSF204001R2950	1	Upon request
	125	300	F204 AC-125/0.3	2CSF204001R3950	1	

■ Stock items

# 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 ■	1,780
SHC WD 6	6 way	6+2	1SYN869007R0001	1,830
SHC WD 8	8 way	8+2	1SYN869008R0001 ■	2,140
SHC WD 10	10 way	10+2	1SYN869006R0010	2,410
SHC WD 12	12 way	12+2	1SYN869009R0001 ■	2,630
SHC WD 14	14 way	14+2	1SYN869010R0001	2,920
SHC WD 16	16 way	16+2	1SYN869006R0016 ■	3,510
SHC WD 20	20 way	20+2	1SYN869006R0020	3,740

#### 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 ■	2,510
SHC M 6	6 way	6+2	1SYN869002R0001 ■	2,770
SHC M 8	8 way	8+2	1SYN869003R0001	3,170
SHC M 10	10 way	10+2	1SYN869004R0101	3,380
SHC M 12	12 way	12+2	1SYN869004R0001 ■	3,750
SHC M 14	14 way	14+2	1SYN869005R0001	4,230
SHC M 16	16 way	16+2	1SYN869001R0016 ■	4,410
SHC M 20	20 way	20+2	1SYN869001R0020	5,010

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

■ Stock items

# Classic series

## Distribution boards

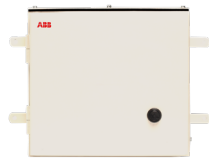
### SPN DB - SHC

#### 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	2,730
SHC P 6	6 way	6+2	1SYN869011R0042	3,110
SHC P 8	8 way	8+2	1SYN869013R0001	3,560
SHC P 10	10 way	10+2	1SYN869013R0002	4,030
SHC P 12	12 way	12+2	1SYN869015R0012	4,300
SHC P 14	14 way	14+2	1SYN869015R0001	4,860
SHC P 16	16 way	16+2	1SYN869011R0161	5,240
SHC P 20	20 way	20+2	1SYN869011R0201	5,960

### IP 54



Product description	No. of ways	No. of modules	Ordering code	Unit MRP (₹)
SHC M WP 4	4 way	4+2	1SYN869002R0004	6,710
SHC M WP 6	6 way	6+2	1SYN869004R0020	7,310
SHC M WP 8	8 way	8+2	1SYN869002R0008	8,000
SHC M WP 10	10 way	10+2	1SYN869004R0021	8,680
SHC M WP 12	12 way	12+2	1SYN869002R0012	9,060
SHC M WP 14	14 way	14+2	1SYN869004R0022	10,080
SHC M WP 16	16 way	16+2	1SYN869004R0023	10,960
SHC M WP 20	20 way	20+2	1SYN869002R0013	11,560

### 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 ■	4,560
SHDB WD 6	6 way	8+18	1SYN869021R0001	5,330
SHDB WD 8	8 way	8+24	1SYN869022R0001 ■	6,340
SHDB WD 12	12 way	8+36	1SYN869023R0001 ■	9,300

### 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 ■	5,590
SHDB M 6	6 way	8+18	1SYN869017R0001	6,800
SHDB M 8	8 way	8+24	1SYN869018R0001 ■	8,100
SHDB M 12	12 way	8+36	1SYN869019R0001 ■	12,120
SHDB M 16	16 way	8+48	1SYN869004R0025 ■	15,190

### 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	6,460
SHDB P 6	6 way	8+18	1SYN869025R0001	8,010
SHDB P 8	8 way	8+24	1SYN869026R0001	9,080
SHDB P 12	12 way	8+36	1SYN869027R0006	12,680

### IP 54



Product description	No. of ways	No. of modules	Ordering code	Unit MRP (₹)
SHDB M WP 4	4 way	8+12	1SYN869001R0004	15,250
SHDB M WP 6	6 way	8+18	1SYN869001R0006	18,360
SHDB M WP 8	8 way	8+24	1SYN869001R0008	20,100
SHDB M WP 12	12 way	8+36	1SYN869004R0027	28,480

■ Stock items

# 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+6+12	1SYN8690100R0061	9,590
SHPPI M 8	8 way	8+6+18	1SYN8690100R0081	11,480
SHPPI M 12	12 way	8+6+30	1SYN8690100R0121	15,310
SHPPI M 16	16 way	8+6+42	1SYN8690100R0161	18,640

### 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	11,910
SVDB M 8	8 way	8+6+24	1SYN869029R0001	14,050
SVDB M 12	12 way	8+6+36	1SYN869030R0001	16,710

### 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	13,820
SVTDB M 6	6 way	8+18	1SYN869032R0001	15,810
SVTDB M 8	8 way	8+24	1SYN869033R0001	18,480
SVTDB M 12	12 way	8+36	1SYN869034R0001	23,430

### 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	16,220
SVTDB M 6XT1	6 way	160A Tmax XT1+18	1SYN8690VMXT106	18,550
SVTDB M 8XT1	8 way	160A Tmax XT1+24	1SYN8690VMXT108	19,960
SVTDB M 12XT1	12 way	160A Tmax XT1+36	1SYN8690VMXT112	25,630

### 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	28,050
SVTDB M 6XT3	6 way	250A Tmax XT3+18	1SYN8690VMXT306	30,840
SVTDB M 8XT3	8 way	250A Tmax XT3+24	1SYN8690VMXT308	32,460
SVTDB M 12XT3	12 way	250A Tmax XT3+36	1SYN8690VMXT312	34,160

# Classic series

## Distribution boards

### 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	14,610
S7SEG M 6	6 way	8+12+18	1SYN869059R0001	16,420
S7SEG M 8	8 way	8+12+24	1SYN869060R0001	17,790
S7SEG M 12	12 way	8+12+36	1SYN869061R0001	21,580

### 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	14,840
SPVS M 6(63A)	6 way	8+18	1SYN869100R0002	15,480
SPVS M 8(63A)	8 way	8+24	1SYN869100R0003	15,920
SPVS M 12(63A)	12 way	8+36	1SYN869100R0004	17,720

### 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	1SYN869004R0001	6,540
SVFL M 133	3 row of 13mod	39	1SYN869103R0001	7,960
SVFL M 134	4 row of 13mod	52	1SYN869103R0002	10,470
SVFL M 142	2 row of 14mod	28	1SYN869004R0002	7,760
SVFL M 143	3 row of 14mod	42	1SYN869004R0003	9,130
SVFL M 144	4 row of 14mod	56	1SYN869103R0012	10,390

### Plug & Socket DB - SGK

Product description	No. of ways	No. of modules	Ordering code	Unit MRP (₹)
SGK 20 SP	20A SP	1	1SYN869043R0001 ■	2,210
SGK 30 TP	30A TP	3	1SYN869044R0001 ■	5,370
SGK 60 FP	60A FP	4	1SYN869053R0001 ■	20,420

### Enclosure - SEN

Product description	No. of ways	No. of modules	Ordering code	Unit MRP (₹)
SEN 2P	2P Enclosure	2	1SYN869055R0001 ■	920
SEN 4P	4P Enclosure	4	1SYN869056R0001 ■	940
SEN 6P	6P Enclosure	6	1SYN869057R0001 ■	1,310
SEN 8P	8P Enclosure	8	1SYN869004R0029 ■	1,490

### 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 ■	560
14 Module Pin type Busbars	14	14	1SYN869103R0013 ■	560

### Blanking plate

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

# Classic series

## Distribution boards

### One-way MCCB enclosures

#### XT1 MCCB ENCL

Product description	No. of ways	Ordering code	Unit MRP (₹)
XT1 TP MCCB Enclosure	3 pole	1SYT121503C0001	2,320
XT1 FP MCCB Enclosure	4 pole	1SYT121504C0001	2,640

#### XT3 MCCB ENCL

Product description	No. of ways	Ordering code	Unit MRP (₹)
XT3 TP MCCB Enclosure	3 pole	1SYT321503C0001	2,640
XT3 FP MCCB Enclosure	4 pole	1SYT321504C0001	2,950

#### A1 MCCB ENCL

Product description	No. of ways	Ordering code	Unit MRP (₹)
A1 TP MCCB Enclosure	3 pole	1SYA121503C0001	2,640
A1 FP MCCB Enclosure	4 pole	1SYA121504C0001	2,810

#### A2 MCCB ENCL

Product description	No. of ways	Ordering code	Unit MRP (₹)
A2 TP MCCB Enclosure	3 pole	1SYA221503C0001	2,810
A2 FP MCCB Enclosure	4 pole	1SYA221504C0001	2,880

# Classic series

## Distribution boards

### Cable end box

Product description	Ordering code	No. of ways	Unit MRP (₹)
<b>SPN IP43 SHC</b>			
SHC M 4/CEB	1SYN869103R0014	For 4 way SPN IP 43 DB	790
SHC M 6/CEB	1SYN869103R0015	For 6 way SPN IP43 DB	860
SHC M 8/CEB	1SYN869004R0082	For 8 way SPN IP43 DB	890
SHC M 10/CEB	1SYN869004R0083	For 10 way SPN IP43 DB	950
SHC M 12/CEB	1SYN869004R0084	For 12 way SPN IP43 DB	1,060
SHC M 14/CEB	1SYN869004R0085	For 14 way SPN IP43 DB	1,160
SHC M 16/CEB	1SYN869004R0086	For 16 way SPN IP43 DB	1,420
SHC M 20/CEB	1SYN869004R0087	For 20 way TPN IP43 DB	1,760
<b>TPN IP43 SHDB</b>			
SHDB M 4/CEB	1SYN869004R0088	For 4 way TPN IP43 DB	1,340
SHDB M 6/CEB	1SYN869004R0089	For 6 way TPN IP43 DB	1,370
SHDB M 8/CEB	1SYN869004R0090	For 8 way TPN IP43 DB	2,010
SHDB M 12/CEB	1SYN869004R0091	For 12 way TPN IP43 DB	2,200
<b>TPN IP43 SHPPI</b>			
SHPPI M 6/CEB	1SYN869004R0093	For 6 way PPI IP43 DB	1,530
SHPPI M 8/CEB	1SYN869004R0094	For 8 way PPI IP43 DB	2,120
SHPPI M 12/CEB	1SYN869004R0095	For 12 way PPI IP43 DB	3,030
SHPPI M 16/CEB	1SYN869004R0096	For 16 way PPI IP43 DB	3,280
<b>TPN IP43 SVDB</b>			
SVDB M 6/CEB	1SYN869004R0097	For 6 way SVDB IP43 DB	1,640
SVDB M 8/CEB	1SYN869004R0098	For 8 way SVDB IP43 DB	1,660
SVDB M 12/CEB	1SYN869004R0099	For 12 way SVDB IP43 DB	1,910
<b>Flexy DB IP43</b>			
SVFL 13M/CEB	1SYN869004R0103	For all SVFL 13Mod DBs	1,750
SVFL 14M/CEB	1SYN869004R0104	For all SVFL 14Mod DBs	2,130
<b>VTPN IP43 SVTDB</b>			
SVTDB M/CEB	1SYN869004R0100	For all SVTDBs(IP43DBs)	3,250
<b>VTPN IP43 XT1 160A</b>			
SVTDB M XT1 160/CEB	1SYN869004C0101	For all SVTDB XT1 160 DBs(IP43DBs)	4,120
<b>VTPN IP43 XT3 250A</b>			
SVTDB M XT3 250/CEB	1SYN869004C0103	For all SVTDB XT3 250 DBs(IP43DBs)	4,830
<b>7 Segment CB</b>			
S7SEG M4/CEB	1SYN141013C0001	For 4 way 7 SEG IP43 DB	2,490
S7SEG M6/CEB	1SYN141014C0001	For 6 way 7 SEG IP43 DB	2,910
S7SEG M8/CEB	1SYN140600C0001	For 8 way 7 SEG IP43 DB	3,390
S7SEG M12/CEB	1SYN140700C0001	For 12 way 7 SEG IP43 DB	4,170

## Complete range

Customization in ABB Distribution Enclosures available on request\*

- i) Enclosures-TV/TEL/ONT related backend devices
- ii) Enclosures-SPD provision
- iii) Pre-wired distribution boards
- iv) Indication lamps provision
- v) MCCB enclosures