

ABB MCB RCCB RCBO and Protection Devices Price List PDF

Effective	11 May 2026
Region	India
Status	Current

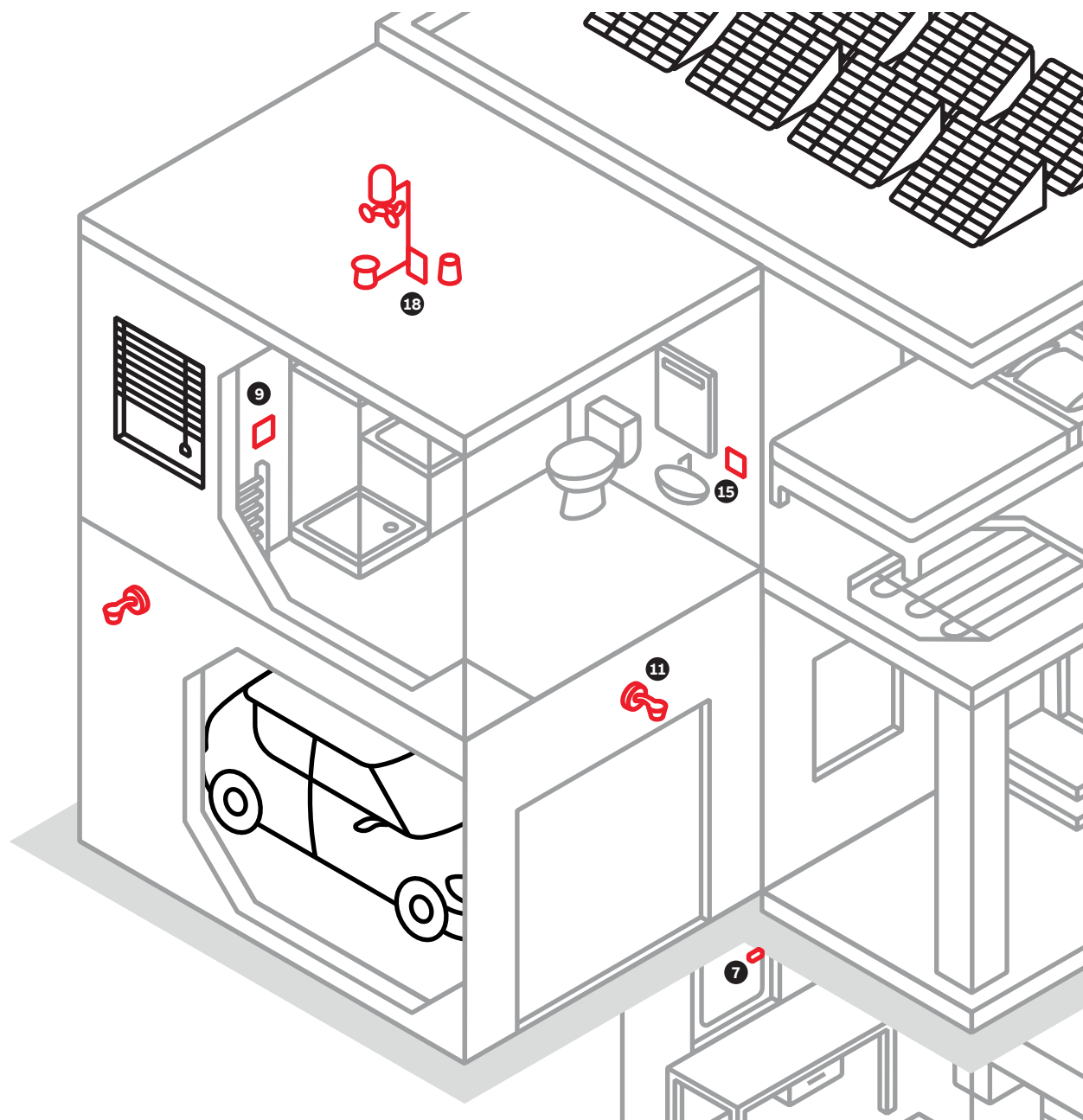
Extracted from: ABB Electrification Products Price List, effective 11 May 2026

Original source pages: 186-255

This section was extracted without changing product descriptions, prices or technical content.

Electrical installation solutions for buildings

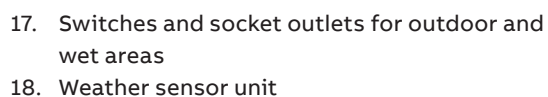
A world of advantages



1. Safety switch
2. Energy meter
3. Small and home distributor
4. Smoke detectors
5. Movement detectors
6. Photovoltaic inverter
7. CO₂ indoor air sensor
8. Switches and socket outlets

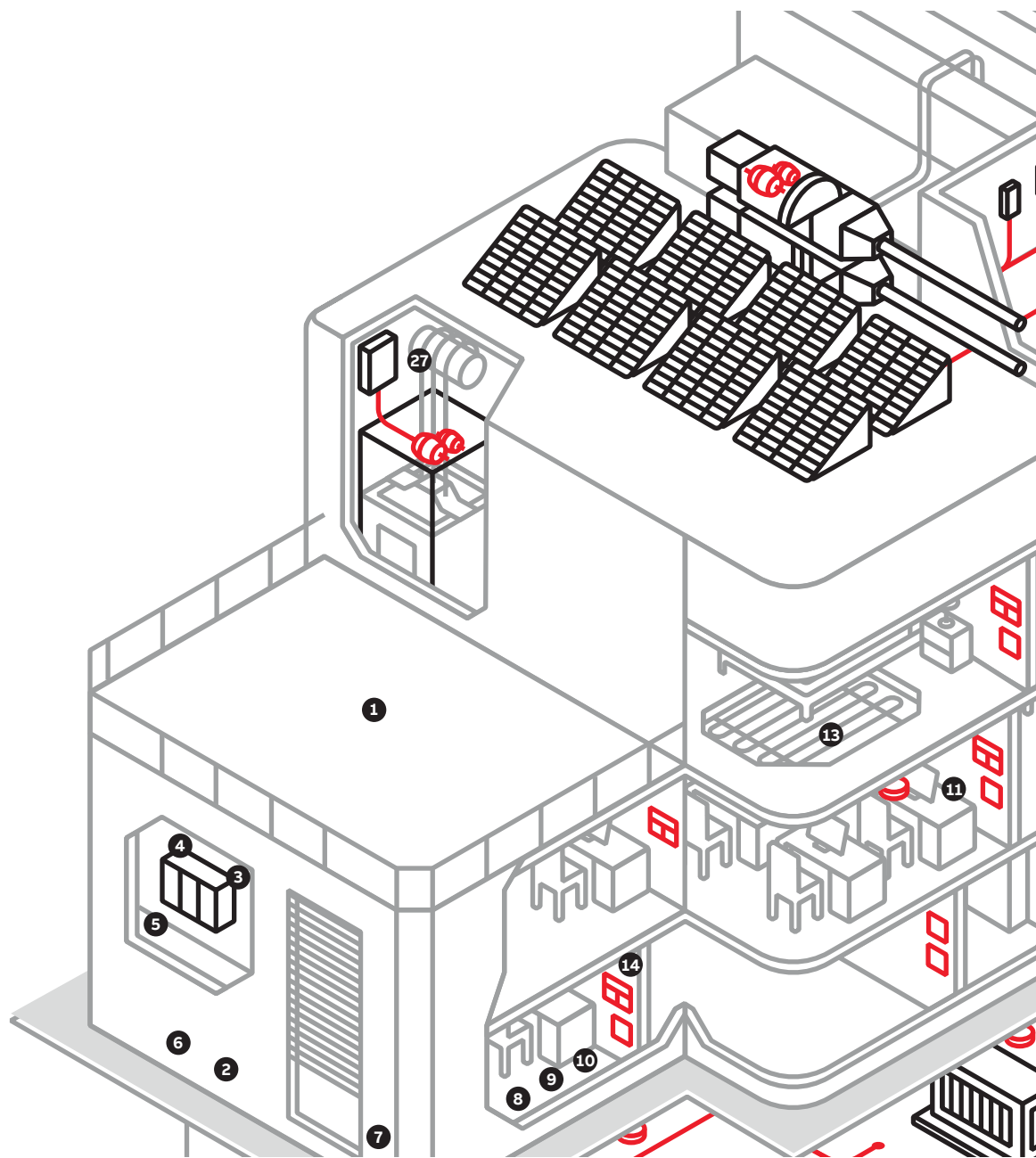
9. Room temperature controller with venetian blind control unit
10. Busch-DigitalRadio
11. Movement detector
12. Access control systems
13. Burglar alarm systems
14. ABB i-bus® KNX touch panel
15. Safety socket outlets
16. Communications socket outlets

A world of advantages



Electrical installation solutions for buildings

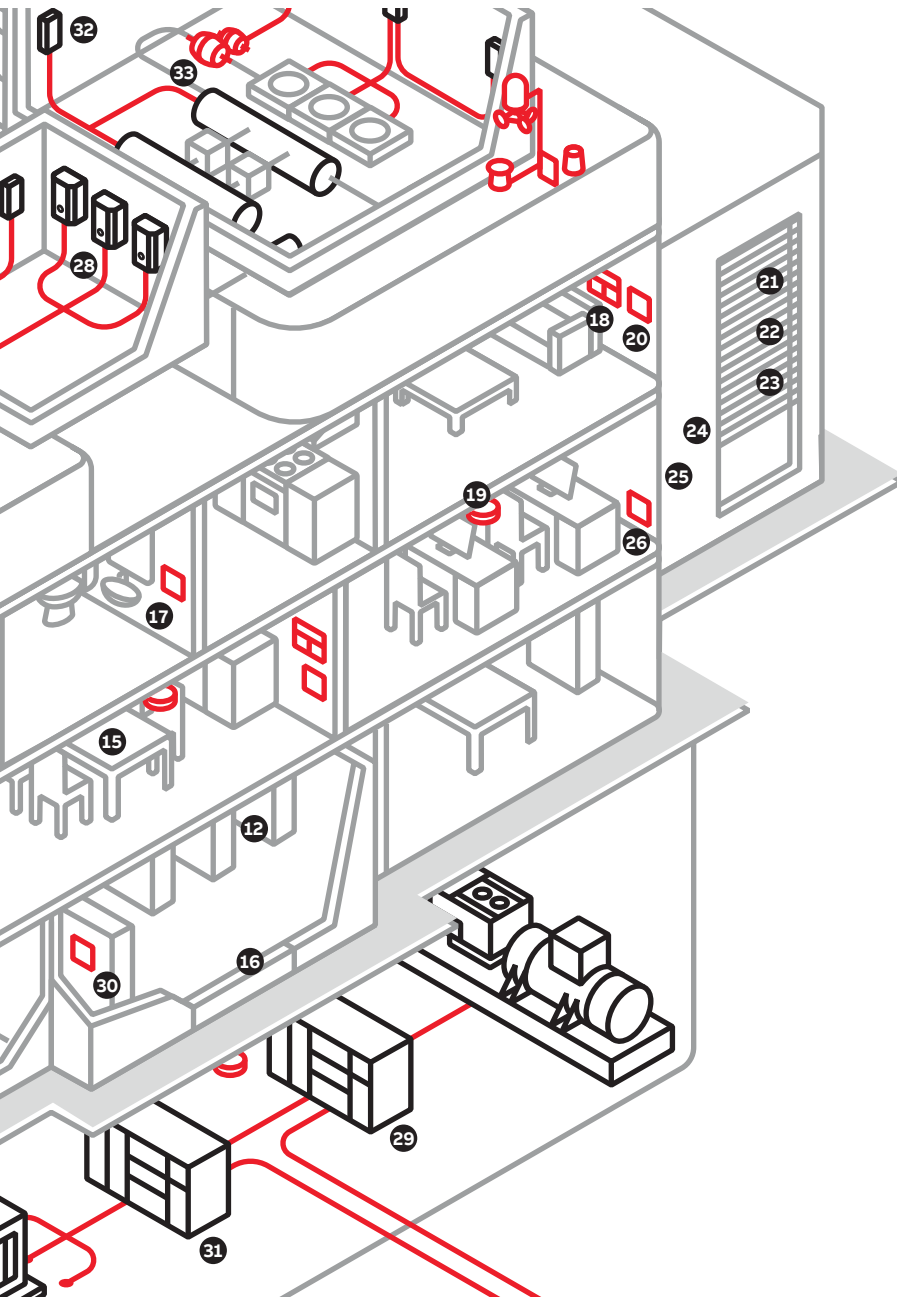
A world of advantages



- | | |
|-------------------------------|--|
| 1. Lightning protection | 10. Push-button |
| 2. Circuit breakers | 11. Non-metallic, flexible cable ducts |
| 3. Central battery systems | 12. Cable duct, cable ties |
| 4. Cable ties and accessories | 13. Protection relay |
| 5. Cable connections | 14. AC & DC switches in housing |
| 6. Distributors | 15. Bus modules |
| 7. Energy meter | 16. Overvoltage protection devices |
| 8. Industrial connectors | 17. Earth-fault relay |
| 9. Terminal blocks | 18. Door communication |

Electrical installation solutions for buildings

A world of advantages



- 19. Emergency lighting
- 20. Timers
- 21. Electrical and grounding connections
- 22. Safety components
- 23. Electrical distribution systems
- 24. Motor starter combinations, soft starters
- 25. Energy distribution unit
- 26. Cable connections & accessories
- 27. EMC safety switch

- 28. DC load-break switches
- 29. Tmax XT power circuit breaker
- 30. OT load-break switches
- 31. XLP safety load-break switch
- 32. Safety switches for aeration or air-conditioning systems
- 33. HVAC controls

Miniature Circuit Breaker SB200M

The details make the difference

Save your time –
all-important data
available right away.

Robust marking,
thanks to laser
marking.

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

IP20 - finger safety.



BIS approved
(as per IS/IEC 60898-1)

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



State-of-the-art design
Elegant in appearance.
Knob designed for easy operation.



Labelling area
Provision for providing label enables easy identification of circuit during installation, operation & maintenance.



Accessories mountable
Wide range of add-on accessories having 30 different types.
Maximum possibility of mounting: 4 different accessories on the right side and 1 on the left side.



Finger-safe cage terminals
Finger-safe terminals, equipped with cage terminals suitable for 25 mm² cables and pin-type busbars up to 10 mm².



Housing cover with fire retardant material
100% recyclable plastic material with fire retardant, high melting point, low water absorption, high dielectric strength properties and is 100% free of halogens.



Laser marking
Laser printed information ensures a friction, scratch and solvent resistant marking for easy identification of the products.

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	2
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)
Approvals	
BIS approved (as per IS/IEC 60898-1)	yes

MCB SB200 M

B characteristic



SB201 M B 16



SB201M B 6 NA



SB202M 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	450
	10	SB201 M-B10	1SYS271012R0105 ■	12	450
	16	SB201 M-B16	1SYS271012R0165 ■	12	450
	20	SB201 M-B20	1SYS271012R0205 ■	12	450
	25	SB201 M-B25	1SYS271012R0255 ■	12	450
	32	SB201 M-B32	1SYS271012R0325 ■	12	450
	40	SB201 M-B40	1SYS271012R0405 ■	12	890

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	1,440
	10	SB201 M-B10 NA	1SYS271112R0105 ■	6	1,440
	16	SB201 M-B16 NA	1SYS271112R0165 ■	6	1,440
	20	SB201 M-B20 NA	1SYS271112R0205 ■	6	1,440
	25	SB201 M-B25 NA	1SYS271112R0255 ■	6	1,440
	32	SB201 M-B32 NA	1SYS271112R0325 ■	6	1,440
	40	SB201 M-B40 NA	1SYS271112R0405 ■	6	2,340

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	1,430
	10	SB202 M-B10	1SYS272012R0105 ■	6	1,430
	16	SB202 M-B16	1SYS272012R0165 ■	6	1,430
	20	SB202 M-B20	1SYS272012R0205 ■	6	1,430
	25	SB202 M-B25	1SYS272012R0255 ■	6	1,430
	32	SB202 M-B32	1SYS272012R0325 ■	6	1,430
	40	SB202 M-B40	1SYS272012R0405 ■	6	2,290

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	760
	1	SB201 M-C1	1SYS271012R0014	12	760
	1.6	SB201 M-C1.6	1SYS271012R0974	12	760
	2	SB201 M-C2	1SYS271012R0024	12	660
	3	SB201 M-C3	1SYS271012R0034	12	660
	4	SB201 M-C4	1SYS271012R0044	12	660
	6	SB201 M-C6	1SYS271012R0064 ■	12	450
	10	SB201 M-C10	1SYS271012R0104 ■	12	450
	16	SB201 M-C16	1SYS271012R0164 ■	12	450
	20	SB201 M-C20	1SYS271012R0204 ■	12	450
	25	SB201 M-C25	1SYS271012R0254 ■	12	450
	32	SB201 M-C32	1SYS271012R0324 ■	12	450
	40	SB201 M-C40	1SYS271012R0404	12	890
	50	SB201 M-C50	1SYS271012R0504	12	890
	63	SB201 M-C63	1SYS271012R0634	12	890



SB201M C 16 NA

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	2,390
	1	SB201 M-C1 NA	1SYS271112R0014	6	2,390
	1.6	SB201 M-C1.6 NA	1SYS271112R0974	6	2,390
	2	SB201 M-C2 NA	1SYS271112R0024	6	2,080
	3	SB201 M-C3 NA	1SYS271112R0034	6	2,080
	4	SB201 M-C4 NA	1SYS271112R0044	6	2,080
	6	SB201 M-C6 NA	1SYS271112R0064 ■	6	1,440
	10	SB201 M-C10 NA	1SYS271112R0104 ■	6	1,440
	16	SB201 M-C16 NA	1SYS271112R0164 ■	6	1,440
	20	SB201 M-C20 NA	1SYS271112R0204 ■	6	1,440
	25	SB201 M-C25 NA	1SYS271112R0254 ■	6	1,440
	32	SB201 M-C32 NA	1SYS271112R0324 ■	6	1,440
	40	SB201 M-C40 NA	1SYS271112R0404 ■	6	2,340
	50	SB201 M-C50 NA	1SYS271112R0504 ■	6	2,340
	63	SB201 M-C63 NA	1SYS271112R0634 ■	6	2,340

■ 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	2,210
	1	SB202 M-C1	1SYS272012R0014	6	2,210
	1.6	SB202 M-C1.6	1SYS272012R0974	6	2,210
	2	SB202 M-C2	1SYS272012R0024	6	2,030
	3	SB202 M-C3	1SYS272012R0034	6	2,030
	4	SB202 M-C4	1SYS272012R0044	6	2,030
	6	SB202 M-C6	1SYS272012R0064 ■	6	1,430
	10	SB202 M-C10	1SYS272012R0104 ■	6	1,430
	16	SB202 M-C16	1SYS272012R0164 ■	6	1,430
	20	SB202 M-C20	1SYS272012R0204 ■	6	1,430
	25	SB202 M-C25	1SYS272012R0254 ■	6	1,430
	32	SB202 M-C32	1SYS272012R0324 ■	6	1,430
	40	SB202 M-C40	1SYS272012R0404 ■	6	2,290
	50	SB202 M-C50	1SYS272012R0504 ■	6	2,290
	63	SB202 M-C63	1SYS272012R0634 ■	6	2,290



SB203 M C 16

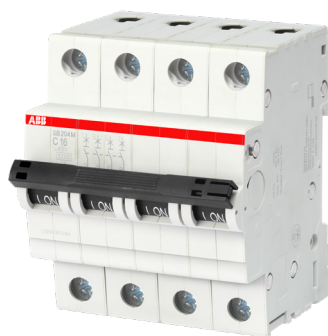
SB203 M C

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	3,410
	1	SB203 M-C1	1SYS273012R0014	4	3,410
	1.6	SB203 M-C1.6	1SYS273012R0974	4	3,410
	2	SB203 M-C2	1SYS273012R0024	4	3,120
	3	SB203 M-C3	1SYS273012R0034	4	3,120
	4	SB203 M-C4	1SYS273012R0044	4	3,120
	6	SB203 M-C6	1SYS273012R0064 ■	4	2,340
	10	SB203 M-C10	1SYS273012R0104 ■	4	2,340
	16	SB203 M-C16	1SYS273012R0164 ■	4	2,340
	20	SB203 M-C20	1SYS273012R0204 ■	4	2,340
	25	SB203 M-C25	1SYS273012R0254 ■	4	2,340
	32	SB203 M-C32	1SYS273012R0324 ■	4	2,340
	40	SB203 M-C40	1SYS273012R0404 ■	4	3,590
	50	SB203 M-C50	1SYS273012R0504 ■	4	3,590
	63	SB203 M-C63	1SYS273012R0634 ■	4	3,590

■ Stock items

MCB SB200 M

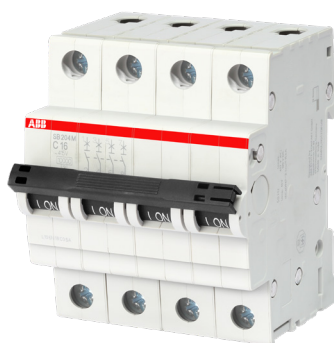
C characteristic



SB203 M C 16 NA

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	5,040
	1	SB203 M-C1 NA	1SYS273112R0014	3	5,040
	1.6	SB203 M-C1.6 NA	1SYS273112R0974	3	5,040
	2	SB203 M-C2 NA	1SYS273112R0024	3	4,440
	3	SB203 M-C3 NA	1SYS273112R0034	3	4,440
	4	SB203 M-C4 NA	1SYS273112R0044	3	4,440
	6	SB203 M-C6 NA	1SYS273112R0064 ■	3	3,190
	10	SB203 M-C10 NA	1SYS273112R0104 ■	3	3,190
	16	SB203 M-C16 NA	1SYS273112R0164 ■	3	3,190
	20	SB203 M-C20 NA	1SYS273112R0204 ■	3	3,190
	25	SB203 M-C25 NA	1SYS273112R0254 ■	3	3,190
	32	SB203 M-C32 NA	1SYS273112R0324 ■	3	3,190
	40	SB203 M-C40 NA	1SYS273112R0404 ■	3	4,500
	50	SB203 M-C50 NA	1SYS273112R0504 ■	3	4,500
	63	SB203 M-C63 NA	1SYS273112R0634 ■	3	4,500



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	4,780
	1	SB204 M-C1	1SYS274012R0014	3	4,780
	1.6	SB204 M-C1.6	1SYS274012R0974	3	4,780
	2	SB204 M-C2	1SYS274012R0024	3	4,200
	3	SB204 M-C3	1SYS274012R0034	3	4,200
	4	SB204 M-C4	1SYS274012R0044	3	4,200
	6	SB204 M-C6	1SYS274012R0064 ■	3	3,010
	10	SB204 M-C10	1SYS274012R0104 ■	3	3,010
	16	SB204 M-C16	1SYS274012R0164 ■	3	3,010
	20	SB204 M-C20	1SYS274012R0204 ■	3	3,010
	25	SB204 M-C25	1SYS274012R0254 ■	3	3,010
	32	SB204 M-C32	1SYS274012R0324 ■	3	3,010
	40	SB204 M-C40	1SYS274012R0404 ■	3	4,610
	50	SB204 M-C50	1SYS274012R0504 ■	3	4,610
	63	SB204 M-C63	1SYS274012R0634 ■	3	4,610

■ Stock items

MCB SB200 M

D characteristic



SB201 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	880
	1	SB201 M-D1	1SYS271012R0011	12	880
	1.6	SB201 M-D1,6	1SYS271012R0971	12	880
	2	SB201 M-D2	1SYS271012R0021	12	770
	3	SB201 M-D3	1SYS271012R0031	12	770
	4	SB201 M-D4	1SYS271012R0041	12	770
	6	SB201 M-D6	1SYS271012R0061	12	630
	10	SB201 M-D10	1SYS271012R0101	12	630
	16	SB201 M-D16	1SYS271012R0161	12	630
	20	SB201 M-D20	1SYS271012R0201	12	630
	25	SB201 M-D25	1SYS271012R0251	12	630
	32	SB201 M-D32	1SYS271012R0321	12	630
	40	SB201 M-D40	1SYS271012R0401	12	1,060
	50	SB201 M-D50	1SYS271012R0501	12	1,060
	63	SB201 M-D63	1SYS271012R0631	12	1,060



SB202 M D 16

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	2,620
	1	SB202 M-D1	1SYS272012R0011	6	2,620
	1.6	SB202 M-D1.6	1SYS272012R0971	6	2,620
	2	SB202 M-D2	1SYS272012R0021	6	2,300
	3	SB202 M-D3	1SYS272012R0031	6	2,300
	4	SB202 M-D4	1SYS272012R0041	6	2,300
	6	SB202 M-D6	1SYS272012R0061	6	1,640
	10	SB202 M-D10	1SYS272012R0101	6	1,640
	16	SB202 M-D16	1SYS272012R0161	6	1,640
	20	SB202 M-D20	1SYS272012R0201	6	1,640
	25	SB202 M-D25	1SYS272012R0251	6	1,640
	32	SB202 M-D32	1SYS272012R0321	6	1,640
	40	SB202 M-D40	1SYS272012R0401	6	2,700
	50	SB202 M-D50	1SYS272012R0501	6	2,700
	63	SB202 M-D63	1SYS272012R0631	6	2,700

MCB SB200 M

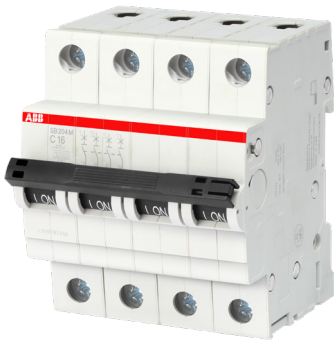
D characteristic



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	4,050
	1	SB203 M-D1	1SYS273012R0011	4	4,050
	1.6	SB203 M-D1.6	1SYS273012R0971	4	4,050
	2	SB203 M-D2	1SYS273012R0021	4	3,550
	3	SB203 M-D3	1SYS273012R0031	4	3,550
	4	SB203 M-D4	1SYS273012R0041	4	3,550
	6	SB203 M-D6	1SYS273012R0061	4	2,680
	10	SB203 M-D10	1SYS273012R0101	4	2,680
	16	SB203 M-D16	1SYS273012R0161	4	2,680
	20	SB203 M-D20	1SYS273012R0201	4	2,680
	25	SB203 M-D25	1SYS273012R0251	4	2,680
	32	SB203 M-D32	1SYS273012R0321	4	2,680
	40	SB203 M-D40	1SYS273012R0401	4	4,230
	50	SB203 M-D50	1SYS273012R0501	4	4,230
	63	SB203 M-D63	1SYS273012R0631	4	4,230



SB204 M D 16

SB204 M D

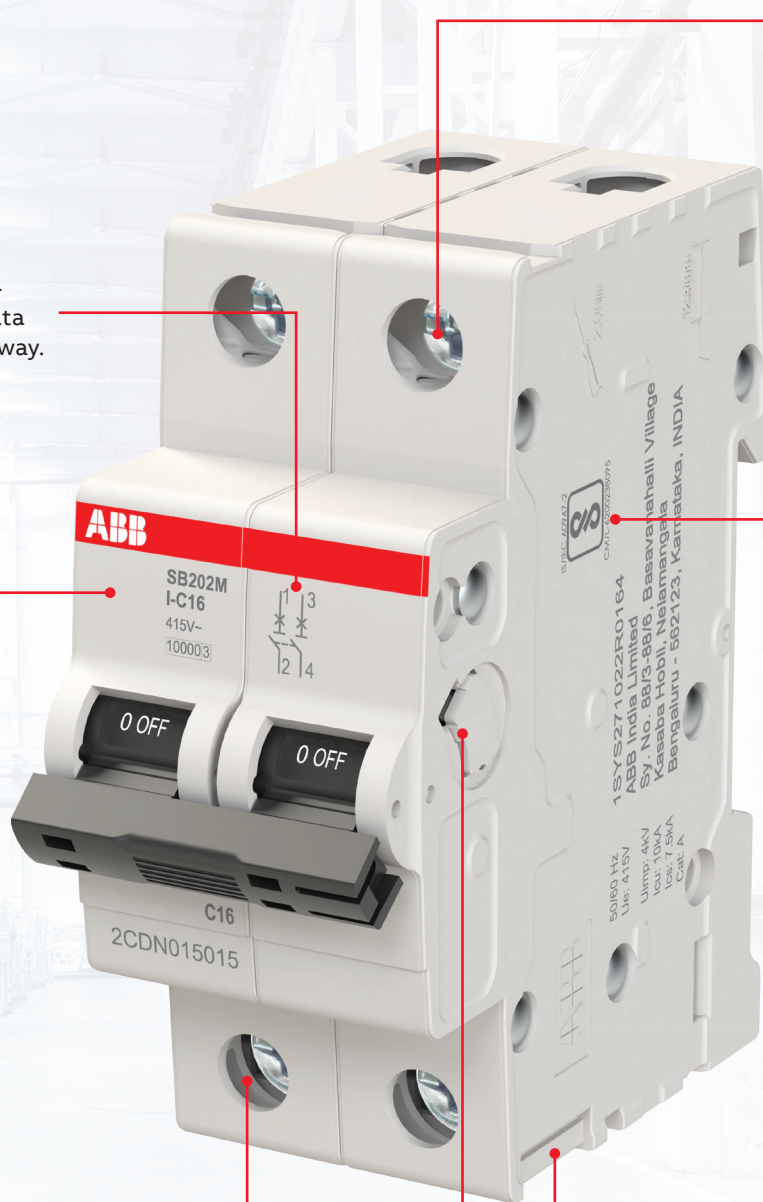
Number of poles	Rated current In A	Order details		Standard pack	Unit MRP (₹)
		Type code	Order code		
4P	0.5	SB204 M-D0.5	1SYS274012R0981	3	4,450
	1	SB204 M-D1	1SYS274012R0011	3	4,450
	1.6	SB204 M-D1.6	1SYS274012R0971	3	4,450
	2	SB204 M-D2	1SYS274012R0021	3	4,680
	3	SB204 M-D3	1SYS274012R0031	3	4,680
	4	SB204 M-D4	1SYS274012R0041	3	4,680
	6	SB204 M-D6	1SYS274012R0061	3	3,720
	10	SB204 M-D10	1SYS274012R0101	3	3,720
	16	SB204 M-D16	1SYS274012R0161	3	3,720
	20	SB204 M-D20	1SYS274012R0201	3	3,720
	25	SB204 M-D25	1SYS274012R0251	3	3,720
	32	SB204 M-D32	1SYS274012R0321	3	3,720
	40	SB204 M-D40	1SYS274012R0401	3	4,890
	50	SB204 M-D50	1SYS274012R0501	3	4,890
	63	SB204 M-D63	1SYS274012R0631	3	4,890



Miniature Circuit Breaker SB200M Industrial range

NEW

The new dimension in efficiency and power



Save your time –
all-important data
available right away.

Robust marking
thanks to laser
marking.

IP20 - finger safety.



BIS approved
(as per IS/IEC 60947-2)

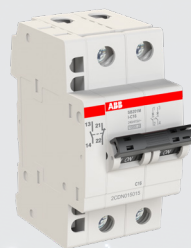
Captive screws:
don't lose what's
important for you.

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





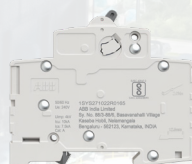
State-of-the-art design
Elegant in appearance.
Knob designed for easy operation.



Accessories mountable
Wide range of add-on accessories having 30 different types.
Maximum possibility of mounting: 4 different accessories on the right side and 1 on the left side.



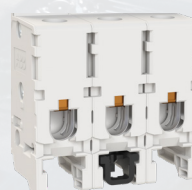
Labelling area
Provision for providing label enables easy identification of circuit during installation, operation & maintenance.



Housing cover with fire retardant material
100% recyclable plastic material with fire retardant, high melting point, low water absorption, high dielectric strength properties and is 100% free of halogens.



Laser marking
Laser printed information ensures a friction, scratch and solvent resistant marking for easy identification of the products.



Finger-safe cage terminals
Finger-safe terminals, equipped with cage terminals suitable for 25 mm² cables and pin-type busbars up to 10 mm².

Miniature Circuit Breaker SB200M

Industrial range

The new dimension in efficiency and power



Technical Features

General data	
Standards	IS/IEC 60947-2
Poles	B: 1P, 1P+N, 2P C: 1P, 2P, 3P, 4P, 1P+N, 3P+N D: 1P, 2P, 3P, 4P
Rated ultimate short-circuit breaking capacity (Icu)	10 kA
Rated service short-circuit breaking capacity (Ics)	7.5 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; 2...4P : 457 V AC; 2P: 120V DC; 3P+N: 457 V AC
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 2.000m)
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)
Approvals	
BIS approved (as per IS/IEC 60947-2)	yes

MCB SB200M Industrial

B characteristic

SB200M Industrial 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: industrial

Standard: IS/IEC 60947-2

Icu=10 kA



SB201M I B 16

SB201M Industrial B

Number of poles	Rated current In A	Order details		Pack unit pc.	Unit MRP (₹)
		Type code	Order code		
1P	6 A	SB201M I-B6	1SYS271022R0065	12	470
	10 A	SB201M I-B10	1SYS271022R0105	12	470
	16 A	SB201M I-B16	1SYS271022R0165	12	470
	20 A	SB201M I-B20	1SYS271022R0205	12	470
	25 A	SB201M I-B25	1SYS271022R0255	12	470
	32 A	SB201M I-B32	1SYS271022R0325	12	470
	40 A	SB201M I-B40	1SYS271022R0405	12	930



SB201M I B 6 NA

SB201M Industrial B NA

Number of poles	Rated current In A	Order details		Pack unit pc.	Unit MRP (₹)
		Type code	Order code		
1P+N	6 A	SB201M I-B6 NA	1SYS271122R0065	6	1,510
	10 A	SB201M I-B10 NA	1SYS271122R0105	6	1,510
	16 A	SB201M I-B16 NA	1SYS271122R0165	6	1,510
	20 A	SB201M I-B20 NA	1SYS271122R0205	6	1,510
	25 A	SB201M I-B25 NA	1SYS271122R0255	6	1,510
	32 A	SB201M I-B32 NA	1SYS271122R0325	6	1,510
	40 A	SB201M I-B40 NA	1SYS271122R0405	6	2,460



SB202M I B 16

SB202M Industrial B

Number of poles	Rated current In A	Order details		Pack unit pc.	Unit MRP (₹)
		Type code	Order code		
2P	6 A	SB202M I-B6	1SYS272022R0065	6	1,500
	10 A	SB202M I-B10	1SYS272022R0105	6	1,500
	16 A	SB202M I-B16	1SYS272022R0165	6	1,500
	20 A	SB202M I-B20	1SYS272022R0205	6	1,500
	25 A	SB202M I-B25	1SYS272022R0255	6	1,500
	32 A	SB202M I-B32	1SYS272022R0325	6	1,500
	40 A	SB202M I-B40	1SYS272022R0405	6	2,410

MCB SB200M Industrial

C characteristic

SB200M Industrial 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: industrial
Standard: IS/IEC 60947-2
Icu=10 kA

SB201M Industrial C

Number of poles	Rated current	Order details		Pack unit	Unit MRP (₹)
	In A	Type code	Order code	pc.	
1P	0.5 A	SB201M I-C0.5	1SYS271022R0984	12	800
	1 A	SB201M I-C1	1SYS271022R0014	12	800
	1.6 A	SB201M I-C1.6	1SYS271022R0974	12	800
	2 A	SB201M I-C2	1SYS271022R0024	12	690
	3 A	SB201M I-C3	1SYS271022R0034	12	690
	4 A	SB201M I-C4	1SYS271022R0044	12	690
	6 A	SB201M I-C6	1SYS271022R0064	12	470
	10 A	SB201M I-C10	1SYS271022R0104	12	470
	16 A	SB201M I-C16	1SYS271022R0164	12	470
	20 A	SB201M I-C20	1SYS271022R0204	12	470
	25 A	SB201M I-C25	1SYS271022R0254	12	470
	32 A	SB201M I-C32	1SYS271022R0324	12	470
	40 A	SB201M I-C40	1SYS271022R0404	12	930
	50 A	SB201M I-C50	1SYS271022R0504	12	930
	63 A	SB201M I-C63	1SYS271022R0634	12	930

SB201M Industrial C NA

Number of poles	Rated current	Order details		Pack unit	Unit MRP (₹)
	In A	Type code	Order code	pc.	
1P+N	0.5 A	SB201M I-C0.5 NA	1SYS271122R0984	6	2,510
	1 A	SB201M I-C1 NA	1SYS271122R0014	6	2,510
	1.6 A	SB201M I-C1.6 NA	1SYS271122R0974	6	2,510
	2 A	SB201M I-C2 NA	1SYS271122R0024	6	2,190
	3 A	SB201M I-C3 NA	1SYS271122R0034	6	2,190
	4 A	SB201M I-C4 NA	1SYS271122R0044	6	2,190
	6 A	SB201M I-C6 NA	1SYS271122R0064	6	1,510
	10 A	SB201M I-C10 NA	1SYS271122R0104	6	1,510
	16 A	SB201M I-C16 NA	1SYS271122R0164	6	1,510
	20 A	SB201M I-C20 NA	1SYS271122R0204	6	1,510
	25 A	SB201M I-C25 NA	1SYS271122R0254	6	1,510
	32 A	SB201M I-C32 NA	1SYS271122R0324	6	1,510
	40 A	SB201M I-C40 NA	1SYS271122R0404	6	2,460
	50 A	SB201M I-C50 NA	1SYS271122R0504	6	2,460
	63 A	SB201M I-C63 NA	1SYS271122R0634	6	2,460



SB201M I C 16



SB201M I C 6 NA

MCB SB200M Industrial

C characteristic



SB202M I C 16

SB202M Industrial C

Number of poles	Rated current	Order details		Pack unit	Unit MRP (₹)
	In A	Type code	Order code	pc.	
2P	0.5 A	SB202M I-C0.5	1SYS272022R0984	6	2,320
	1 A	SB202M I-C1	1SYS272022R0014	6	2,320
	1.6 A	SB202M I-C1.6	1SYS272022R0974	6	2,320
	2 A	SB202M I-C2	1SYS272022R0024	6	2,130
	3 A	SB202M I-C3	1SYS272022R0034	6	2,130
	4 A	SB202M I-C4	1SYS272022R0044	6	2,130
	6 A	SB202M I-C6	1SYS272022R0064	6	1,500
	10 A	SB202M I-C10	1SYS272022R0104	6	1,500
	16 A	SB202M I-C16	1SYS272022R0164	6	1,500
	20 A	SB202 M I-C20	1SYS272022R0204	6	1,500
	25 A	SB202M I-C25	1SYS272022R0254	6	1,500
	32 A	SB202M I-C32	1SYS272022R0324	6	1,500
	40 A	SB202M I-C40	1SYS272022R0404	6	2,410
	50 A	SB202M I-C50	1SYS272022R0504	6	2,410
	63 A	SB202M I-C63	1SYS272022R0634	6	2,410



SB203M I C 16

SB203M Industrial C

Number of poles	Rated current	Order details		Pack unit	Unit MRP (₹)
	In A	Type code	Order code	pc.	
3P	0.5 A	SB203M I-C0.5	1SYS273022R0984	4	3,590
	1 A	SB203M I-C1	1SYS273022R0014	4	3,590
	1.6 A	SB203M I-C1.6	1SYS273022R0974	4	3,590
	2 A	SB203M I-C2	1SYS273022R0024	4	3,270
	3 A	SB203M I-C3	1SYS273022R0034	4	3,270
	4 A	SB203M I-C4	1SYS273022R0044	4	3,270
	6 A	SB203M I-C6	1SYS273022R0064	4	2,460
	10 A	SB203M I-C10	1SYS273022R0104	4	2,460
	16 A	SB203M I-C16	1SYS273022R0164	4	2,460
	20 A	SB203M I-C20	1SYS273022R0204	4	2,460
	25 A	SB203M I-C25	1SYS273022R0254	4	2,460
	32 A	SB203M I-C32	1SYS273022R0324	4	2,460
	40 A	SB203M I-C40	1SYS273022R0404	4	3,770
	50 A	SB203M I-C50	1SYS273022R0504	4	3,770
	63 A	SB203 M I-C63	1SYS273022R0634	4	3,770

MCB SB200M Industrial

C characteristic



SB203M I C 16 NA

SB203M Industrial C NA

Number of poles	Rated current In A	Order details		Pack unit pc.	Unit MRP (₹)
		Type code	Order code		
3P+N	0.5 A	SB203M I-C0.5 NA	1SYS273122R0984	3	5,290
	1 A	SB203M I-C1 NA	1SYS273122R0014	3	5,290
	1.6 A	SB203M I-C1.6 NA	1SYS273122R0974	3	5,290
	2 A	SB203M I-C2 NA	1SYS273122R0024	3	4,670
	3 A	SB203M I-C3 NA	1SYS273122R0034	3	4,670
	4 A	SB203M I-C4 NA	1SYS273122R0044	3	4,670
	6 A	SB203M I-C6 NA	1SYS273122R0064	3	3,350
	10 A	SB203M I-C10 NA	1SYS273122R0104	3	3,350
	16 A	SB203M I-C16 NA	1SYS273122R0164	3	3,350
	20 A	SB203M I-C20 NA	1SYS273122R0204	3	3,350
	25 A	SB203M I-C25 NA	1SYS273122R0254	3	3,350
	32 A	SB203M I-C32 NA	1SYS273122R0324	3	3,350
	40 A	SB203M I-C40 NA	1SYS273122R0404	3	4,730
	50 A	SB203M I-C50 NA	1SYS273122R0504	3	4,730
	63 A	SB203M I-C63 NA	1SYS273122R0634	3	4,730



SB204M I C 16

SB204M Industrial C

Number of poles	Rated current In A	Order details		Pack unit pc.	Unit MRP (₹)
		Type code	Order code		
4P	0.5 A	SB204M I-C0.5	1SYS274022R0984	3	5,020
	1 A	SB204M I-C1	1SYS274022R0014	3	5,020
	1.6 A	SB204M I-C1.6	1SYS274022R0974	3	5,020
	2 A	SB204M I-C2	1SYS274022R0024	3	4,410
	3 A	SB204M I-C3	1SYS274022R0034	3	4,410
	4 A	SB204M I-C4	1SYS274022R0044	3	4,410
	6 A	SB204M I-C6	1SYS274022R0064	3	3,160
	10 A	SB204M I-C10	1SYS274022R0104	3	3,160
	16 A	SB204M I-C16	1SYS274022R0164	3	3,160
	20 A	SB204M I-C20	1SYS274022R0204	3	3,160
	25 A	SB204M I-C25	1SYS274022R0254	3	3,160
	32 A	SB204M I-C32	1SYS274022R0324	3	3,160
	40 A	SB204M I-C40	1SYS274022R0404	3	4,840
	50 A	SB204M I-C50	1SYS274022R0504	3	4,840
	63 A	SB204M I-C63	1SYS274022R0634	3	4,840

MCB SB200M Industrial

D characteristic

SB200M Industrial 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: industrial
Standard: IS/IEC 60947-2
Icu=10 kA



SB201M I D 16

SB201M Industrial D

Number of poles	Rated current In A	Order details		Pack unit pc.	Unit MRP (₹)
		Type code	Order code		
1P	0.5 A	SB201M I-D0.5	1SYS271022R0981	12	920
	1 A	SB201M I-D1	1SYS271022R0011	12	920
	1.6 A	SB201M I-D1.6	1SYS271022R0971	12	920
	2 A	SB201M I-D2	1SYS271022R0021	12	810
	3 A	SB201M I-D3	1SYS271022R0031	12	810
	4 A	SB201M I-D4	1SYS271022R0041	12	810
	6 A	SB201M I-D6	1SYS271022R0061	12	660
	10 A	SB201M I-D10	1SYS271022R0101	12	660
	16 A	SB201M I-D16	1SYS271022R0161	12	660
	20 A	SB201M I-D20	1SYS271022R0201	12	660
	25 A	SB201M I-D25	1SYS271022R0251	12	660
	32 A	SB201M I-D32	1SYS271022R0321	12	660
	40 A	SB201M I-D40	1SYS271022R0401	12	1,110
	50 A	SB201M I-D50	1SYS271022R0501	12	1,110
	63 A	SB201M I-D63	1SYS271022R0631	12	1,110



SB202M I D 16

SB202M Industrial D

Number of poles	Rated current In A	Order details		Pack unit pc.	Unit MRP (₹)
		Type code	Order code		
2P	0.5 A	SB202M I-D0.5	1SYS272022R0981	6	2,750
	1 A	SB202M I-D1	1SYS272022R0011	6	2,750
	1.6 A	SB202M I-D1.6	1SYS272022R0971	6	2,750
	2 A	SB202M I-D2	1SYS272022R0021	6	2,420
	3 A	SB202M I-D3	1SYS272022R0031	6	2,420
	4 A	SB202M I-D4	1SYS272022R0041	6	2,420
	6 A	SB202M I-D6	1SYS272022R0061	6	1,730
	10 A	SB202M I-D10	1SYS272022R0101	6	1,730
	16 A	SB202M I-D16	1SYS272022R0161	6	1,730
	20 A	SB202M I-D20	1SYS272022R0201	6	1,730
	25 A	SB202M I-D25	1SYS272022R0251	6	1,730
	32 A	SB202M I-D32	1SYS272022R0321	6	1,730
	40 A	SB202M I-D40	1SYS272022R0401	6	2,840
	50 A	SB202M I-D50	1SYS272022R0501	6	2,840
	63 A	SB202M I-D63	1SYS272022R0631	6	2,840

MCB SB200M Industrial

D characteristic



SB203M I D 16

SB203M Industrial D

Number of poles	Rated current	Order details		Pack unit	Unit MRP (₹)
		Type code	Order code		
3P	0.5 A	SB203M I-D0.5	1SYS273022R0981	4	4,260
	1 A	SB203M I-D1	1SYS273022R0011	4	4,260
	1.6 A	SB203M I-D1.6	1SYS273022R0971	4	4,260
	2 A	SB203M I-D2	1SYS273022R0021	4	3,730
	3 A	SB203M I-D3	1SYS273022R0031	4	3,730
	4 A	SB203M I-D4	1SYS273022R0041	4	3,730
	6 A	SB203M I-D6	1SYS273022R0061	4	2,810
	10 A	SB203M I-D10	1SYS273022R0101	4	2,810
	16 A	SB203M I-D16	1SYS273022R0161	4	2,810
	20 A	SB203M I-D20	1SYS273022R0201	4	2,810
	25 A	SB203M I-D25	1SYS273022R0251	4	2,810
	32 A	SB203M I-D32	1SYS273022R0321	4	2,810
	40 A	SB203M I-D40	1SYS273022R0401	4	4,450
	50 A	SB203M I-D50	1SYS273022R0501	4	4,450
	63 A	SB203M I-D63	1SYS273022R0631	4	4,450



SB204M I D 6

SB204M Industrial D

Number of poles	Rated current	Order details		Pack unit	Unit MRP (₹)
		Type code	Order code		
4P	0.5 A	SB204M I-D0.5	1SYS274022R0981	3	4,680
	1 A	SB204M I-D1	1SYS274022R0011	3	4,680
	1.6 A	SB204M I-D1.6	1SYS274022R0971	3	4,680
	2 A	SB204M I-D2	1SYS274022R0021	3	4,910
	3 A	SB204M I-D3	1SYS274022R0031	3	4,910
	4 A	SB204M I-D4	1SYS274022R0041	3	4,910
	6 A	SB204M I-D6	1SYS274022R0061	3	3,900
	10 A	SB204M I-D10	1SYS274022R0101	3	3,900
	16 A	SB204M I-D16	1SYS274022R0161	3	3,900
	20 A	SB204M I-D20	1SYS274022R0201	3	3,900
	25 A	SB204M I-D25	1SYS274022R0251	3	3,900
	32 A	SB204M I-D32	1SYS274022R0321	3	3,900
	40 A	SB204M I-D40	1SYS274022R0401	3	5,140
	50 A	SB204M I-D50	1SYS274022R0501	3	5,140
	63 A	SB204M I-D63	1SYS274022R0631	3	5,140

Miniature Circuit Breaker SB200 DC

Right product for right application

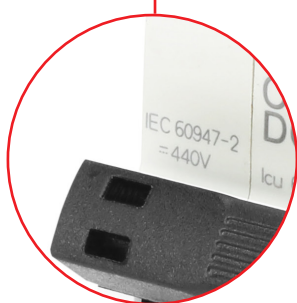
Polarity marking.



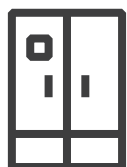
IP20 - finger safety.

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



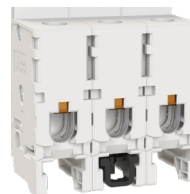
Housing cover with fire retardant material
100% recyclable plastic material with fire retardant, high melting point, low water absorption, high dielectric strength properties and is 100% free of halogens.



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



Laser marking
Laser printed information ensures a friction, scratch and solvent resistant marking for easy identification of the products.



Finger-safe cage terminals
Finger-safe terminals, equipped with cage terminals suitable for 25 mm² cables and pin-type busbars up to 10 mm².



Accessories mountable
Wide range of add-on accessories having 30 different types. Maximum possibility of mounting: 4 different accessories on the right side and 1 on the left side.

MCB SB200 DC

C characteristic



SB201 C 6 DC

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 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	1,470
	2	SB201-C2DC	1SYS251067R0024	12	1,470
	3	SB201-C3DC	1SYS251067R0034	12	1,470
	4	SB201-C4DC	1SYS251067R0044	12	1,470
	6	SB201-C6DC	1SYS251067R0064	12	1,200
	10	SB201-C10DC	1SYS251067R0104	12	1,200
	16	SB201-C16DC	1SYS251067R0164	12	1,200
	20	SB201-C20DC	1SYS251067R0204	12	1,200
	25	SB201-C25DC	1SYS251067R0254	12	1,200
	32	SB201-C32DC	1SYS251067R0324	12	1,200
	40	SB201-C40DC	1SYS251067R0404	12	1,540
	50	SB201-C50DC	1SYS251067R0504	12	1,540
	63	SB201-C63DC	1SYS251067R0634	12	1,540



SB202 C 10 DC

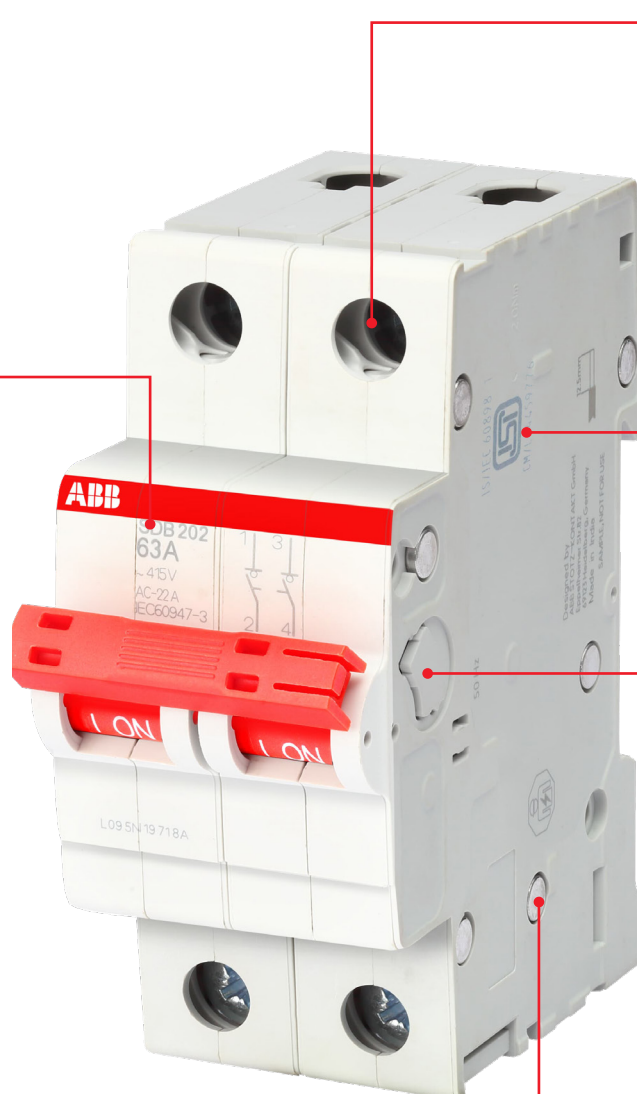
SB202 DC

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	3,120
	2	SB202-C2DC	1SYS252067R0024	6	3,120
	3	SB202-C3DC	1SYS252067R0034	6	3,120
	4	SB202-C4DC	1SYS252067R0044	6	3,120
	6	SB202-C6DC	1SYS252067R0064	6	2,520
	10	SB202-C10DC	1SYS252067R0104	6	2,520
	16	SB202-C16DC	1SYS252067R0164	6	2,520
	20	SB202-C20DC	1SYS252067R0204	6	2,520
	25	SB202-C25DC	1SYS252067R0254	6	2,520
	32	SB202-C32DC	1SYS252067R0324	6	2,520
	40	SB202-C40DC	1SYS252067R0404	6	3,410
	50	SB202-C50DC	1SYS252067R0504	6	3,410
	63	SB202-C63DC	1SYS252067R0634	6	3,410

Switch Disconnecter SDB200

Assures protection of people and installations

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



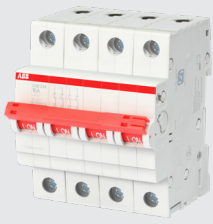
IP20 - finger safety.



BIS approved
(as per IS/IEC 60947-3)

Fully compatible with all
System pro *M* devices and
accessories.

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



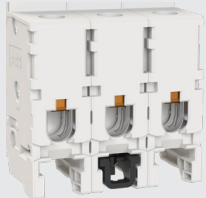
Patented housing design

Elegant design with 100% halogen free thermoplastic material, possible to recycle completely without any environmental pollution.



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 IS/IEC 60947-3.



Finger-safe cage terminals

Finger-safe terminals, equipped with cage terminals suitable for 25 mm² cables and pin-type busbars up to 10 mm².



ISI and CE marking

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



Laser printing

Laser printed information ensures a friction, scratch and solvent resistant marking for easy identification of the products.



Switch disconnectors, isolators & change over switches

SDB200, E200 & E 210



SDB203 16 A

SDB200

Number of poles	Rated current In A	Order details		Standard pack	Unit MRP (₹)
		Type code	Order code		
Double pole					
2P	40	SDB202/40	1SYD272115R0040 ■	6	1,030
	63	SDB202/63	1SYD272115R0063 ■	6	1,330
Triple pole					
3P	40	SDB203/40	1SYD273115R0040 ■	4	1,740
	63	SDB203/63	1SYD273115R0063 ■	4	2,040
Four pole					
4P	40	SDB204/40	1SYD274115R0040 ■	3	2,160
	63	SDB204/63	1SYD274115R0063 ■	3	2,390

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



E202

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	1,910
	100	E202/100r	2CDE282001R0100	1	3,010
	125	E202/125r	2CDE282001R0125	1	3,100
Triple pole					
3P	80	E203/80r	2CDE283001R0080	1	3,220
	100	E203/100r	2CDE283001R0100	1	3,510
	125	E203/125r	2CDE283001R0125	1	3,920
Four pole					
4P	80	E204/80r	2CDE284001R0080	1	3,620
	100	E204/100r	2CDE284001R0100	1	3,830
	125	E204/125r	2CDE284001R0125	1	4,290



E213

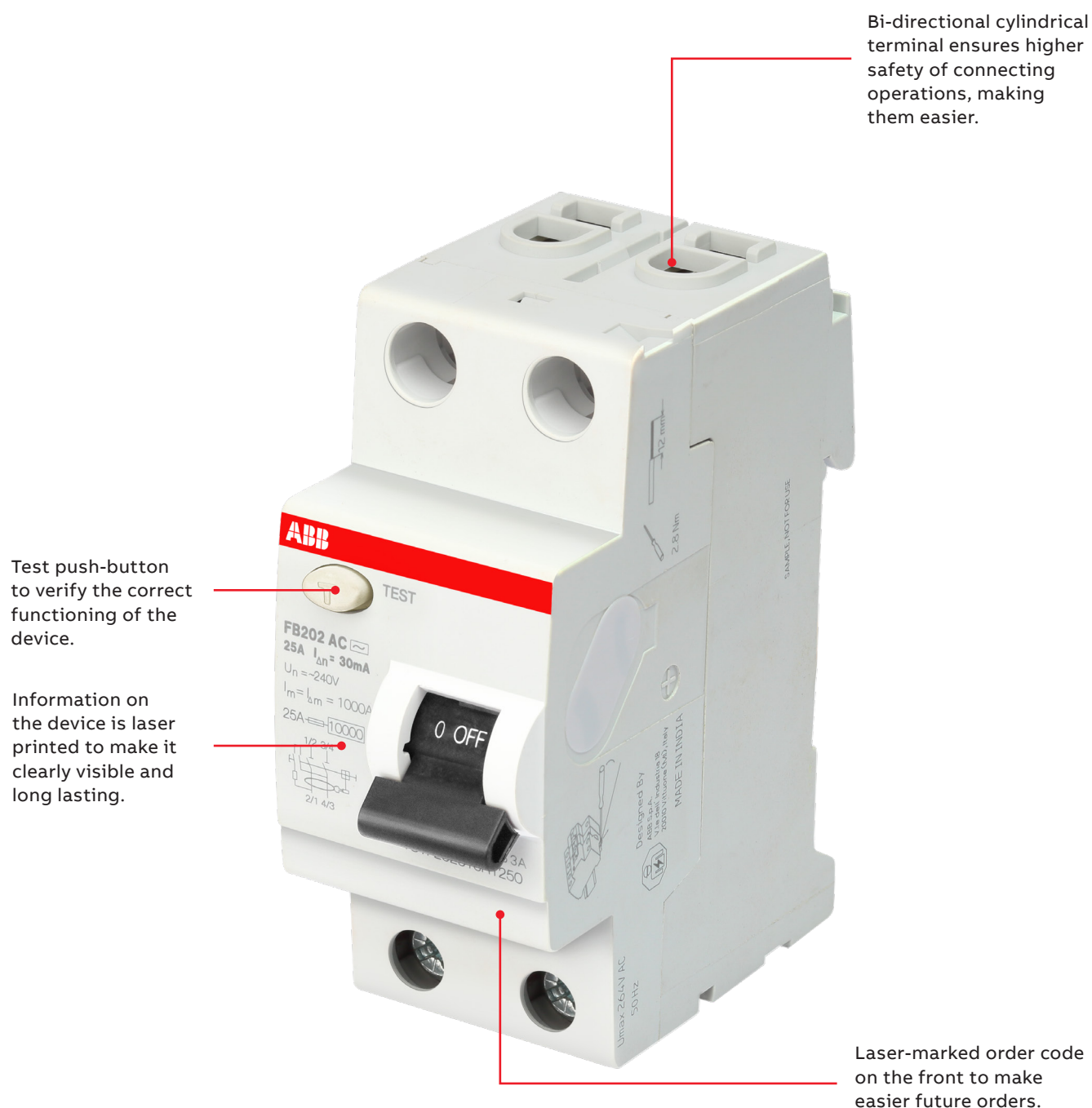
Change over switches

Contacts	Description	Ordering code	Standard pack	Unit L.P. (₹)
2CO	E213-16-002	2CCA703045R0001	10	4,360
	E213-25-002	2CCA703046R0001	10	5,420
	E214-16-202	2CCA703030R0001	10	4,900
	E214-25-202	2CCA703031R0001	10	5,500

■ Stock items

Residual Current Circuit Breaker FB200

A range designed to ensure efficiency and protection





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_{Δm}= 1000 mA
- Co-ordination with a 63 A rated current with conditional short-circuit capacity I_{nc}=10000 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 mm², the back one for cables up to 10 mm² 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	5,000
	25	100	FB202 AC-25/0.1	1SYF202015R2250 ■	1	5,250
	25	300	FB202 AC-25/0.3	1SYF202015R3250	1	5,270
	40	30	FB202 AC-40/0.03	1SYF202015R1400 ■	1	5,750
	40	100	FB202 AC-40/0.1	1SYF202015R2400 ■	1	6,020
	40	300	FB202 AC-40/0.3	1SYF202015R3400	1	6,190
	63	30	FB202 AC-63/0.03	1SYF202015R1630 ■	1	6,780
	63	100	FB202 AC-63/0.1	1SYF202015R2630 ■	1	7,010
	63	300	FB202 AC-63/0.3	1SYF202015R3630	1	7,150

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	19,230
	80	100	F202 AC-80/0.1	2CSF202005R2800	1	19,050
	80	300	F202 AC-80/0.3	2CSF202005R3800	1	19,050
	100	30	F202 AC-100/0.03	2CSF202005R1900	1	17,240
	100	100	F202 AC-100/0.1	2CSF202005R2900	1	18,050
	100	300	F202 AC-100/0.3	2CSF202005R3900	1	19,540

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	6,640
	25	100	FB204 AC-25/0.1	1SYF204015R2250	1	6,970
	25	300	FB204 AC-25/0.3	1SYF204015R3250	1	7,230
	40	30	FB204 AC-40/0.03	1SYF204015R1400 ■	1	6,780
	40	100	FB204 AC-40/0.1	1SYF204015R2400 ■	1	6,830
	40	300	FB204 AC-40/0.3	1SYF204015R3400 ■	1	7,280
	63	30	FB204 AC-63/0.03	1SYF204015R1630 ■	1	7,700
	63	100	FB204 AC-63/0.1	1SYF204015R2630 ■	1	8,240
	63	300	FB204 AC-63/0.3	1SYF204015R3630 ■	1	8,330

F204 AC

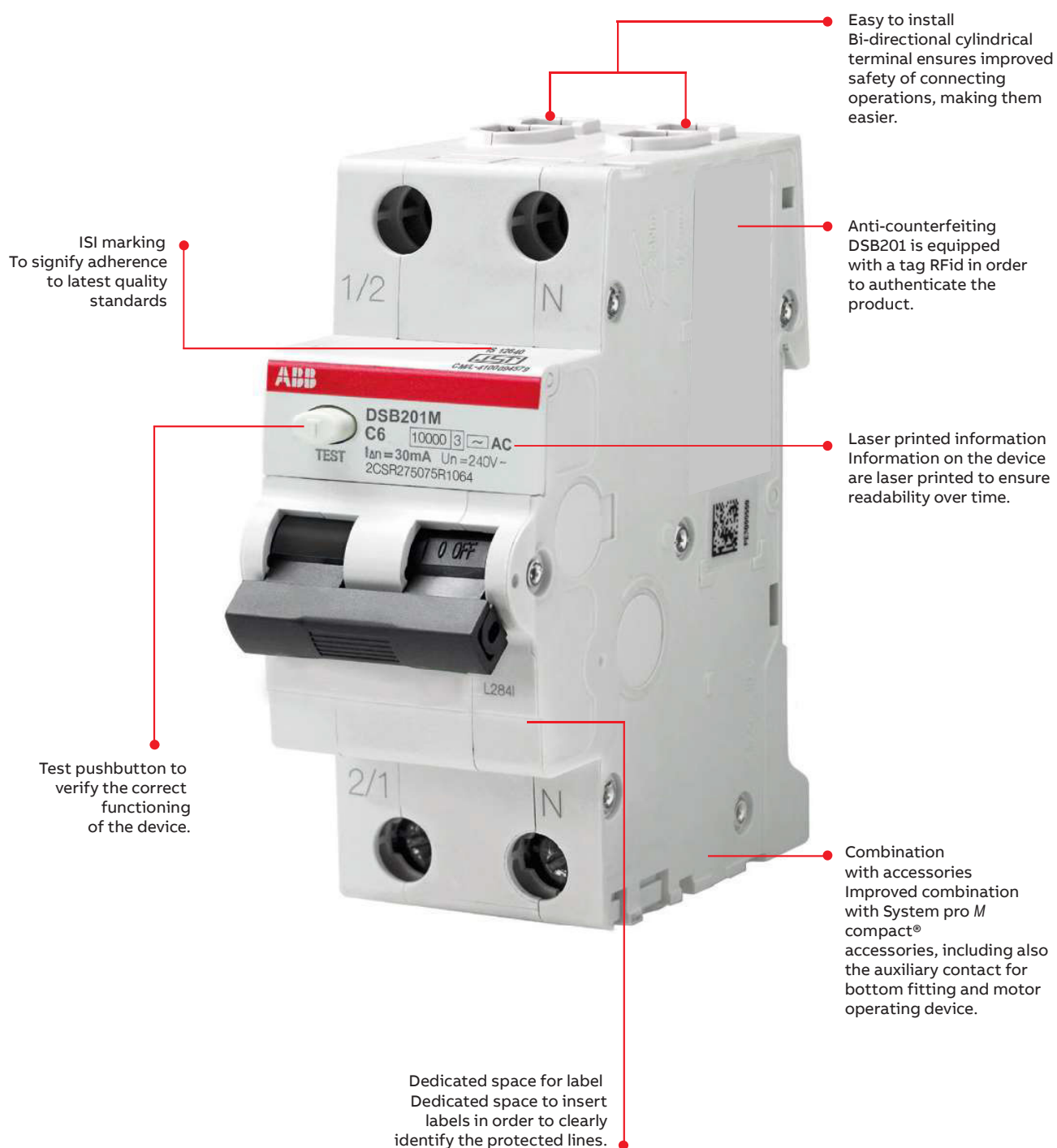
Number of poles	Rated current In A	Residual rated current (mA)	Order details		Standard pack	Unit L.P. (₹)
			Type code	Order code		
4P	80	30	F204 AC-80/0.03	2CSF204005R1800	1	20,390
	80	100	F204 AC-80/0.1	2CSF204005R2800	1	21,310
	80	300	F204 AC-80/0.3	2CSF204005R3800	1	21,550
	100	30	F204 AC-100/0.03	2CSF204005R1900	1	20,730
	100	100	F204 AC-100/0.1	2CSF204005R2900	1	23,070
	100	300	F204 AC-100/0.3	2CSF204005R3900	1	22,500
	125	30	F204 AC-125/0.03	2CSF204001R1950	1	Upon request
	125	100	F204 AC-125/0.1	2CSF204001R2950	1	
	125	300	F204 AC-125/0.3	2CSF204001R3950	1	

■ Stock items



RCBO DSB201 M

Compact solutions for a complete protection





Easy installation

The terminals available on DSB200M make easier the supply operation in parallel with cables and busbars as they are composed by two different seats: a front seat for 25 mm² cables and a back seat for 10 mm² busbars. Supply is possible either from top or bottom side.



Mounting clip

Stable fixing on DIN-Rail, easy and fast mounting and dismounting operations thanks to the standard mounting clip.



Combination of auxiliary elements with DSB200M
Accessories can be mounted directly in few steps
combination possible with the same motor
operating device suitable for SB200M
combination possible with auxiliary contacts
for bottom fitting making DSB200M series
suitable for retrofitting and application with
space constraints



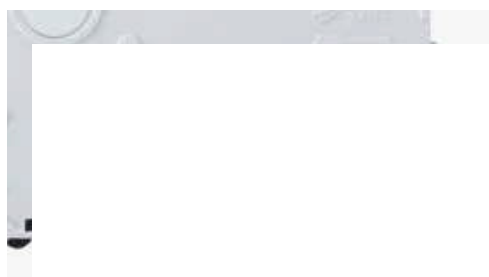
ISI Marking

RCBO DSB200 M series features ISI marking
to signify adherence to latest quality standards



Additional laser printing

Additional information are laser printed on the lateral side of the device, including also the wiring diagram for an easier installation and for an easier stock management.



RFi

Prc

prc

ass

IEC

prc

Residual current circuit breaker with overcurrent protection RCBO - DSB201M series AC & A Type

Technical data

DSB201M			
Standards		IS 12640-2 / IEC 61009-1	
Electrical features	Type (wave form of the earth leakage sensed)		A / AC Type
	Number of poles -Module		1P + N
	Rated current I_n	A	$6 \leq I_n \leq 40$
	Rated sensitivity $I_{\Delta n}$	mA	30 / 100 / 300
	Rated voltage U_e	V	240
	Insulation voltage U_i	V	500 V AC
	Overvoltage category		III
	Pollution degree		2
	Operating voltage of circuit test U_t	V	110 (170 for 30 mA) - 254
	Rated frequency	Hz	50
	Rated breaking capacity (I_{cn})	A	10000
	Rated service short circuit capacity (I_{cs})	kA	7.5
	Rated residual non-operating current ($I_{\Delta no}$)	mA	15 / 50 / 150
	Rated impulse withstand voltage (1.2/50) U_{imp}	kV	4
	Dielectric test voltage at ind. freq. for 1 min.	kV	2.5
	Thermomagnetic release - characteristic		C: $5 I_n \leq I_n \leq 10 I_n$
	Energy limiting class acc. to EN 61009-1		3
Mechanical features	Housing		Insulation group I - II, RAL 7035
	Toggle		Insulation group II, Black RAL 9005, sealable in ON-OFF positions
	Electrical life	operations	10000
	Mechanical life	operations	20000
	Protection degree acc. to EN 60529	housing	IP40
		housing	IP20
	Shock resistance acc. to IEC/EN 60068-2-27		25g - 2 shocks - 13ms
	Vibration resistance acc. to IEC/EN 60068-2-6		0.1 mm or 1g - 20 cycles at 5...150...5 Hz
	Environmental conditions (damp heat) acc. to IEC/EN 60068-2-30	°C/RH	28 cycles with 55°C/90-96% and 25°C/95-100%
	Reference temperature for setting of thermal element	°C	30
	Ambient temperature (with daily average $\leq +35$ °C)	°C	-25...+55
	Storage temperature	°C	-40...+70
Installation	Method of connection		Screw type
	Terminal type	top / bottom	failsafe bi-directional cylinder-lift terminal (shock protected)
	Terminal size for cables	top / bottom	Rigid 1...35
		top / bottom	Flexible 1....25
	Tightening torque	top / bottom	Nm 2.8
	Stripping length of the cable	mm	12
	Mounting		DIN rail EN 60715 (35mm)
	Mounting position		Any
	Supply from		Top/Bottom terminals
Dimensions and weight	Dimensions (H x D x W)	mm	85 x 69 x 35
	Weight	g	200
Auxiliary elements	Combinable with accessories and auxiliaries		yes
Marking	ISI Marking		yes

RCBO - DSB201M

AC Type ( marked)



DSB201M 1P+N

Features

- Product Standard : IS 12640 (Part 2) : 2016, IEC 61009-1
- Type (wave form of the earth leakage sensed) : AC
- Tripping characteristic : C
- Poles : 2 Poles, 2 Modules
- Rated Current I_n (A) : 6, 10, 16, 20, 25, 32, 40
- Rated sensitivity $I_{\Delta n}$ (mA): 30, 100, 300
- Rated frequency (Hz) : 50
- Rated voltage U_n (V) : 240 V
- Breaking capacity, I_{cn} (A) acc. to IEC 61009 : 10 kA
- Rated Impulse withstand Voltage : 4 kV
- Electrical life (operations) : 10000
- Mechanical life (operations) : 20000
- Ambient temperature (with daily average $\leq +35^\circ\text{C}$) : $-25\dots+55^\circ\text{C}$
- Auxiliary devices : Compatible

RCBO 10kA AC Type - DSB201M

Number of poles / module	Description	Current rating (A)	Residual rated current (mA)	Pack unit (Pc)	Ordering code	Unit L.P. (₹)
1P+N / 2 module	DSB201 M C6 AC30	6	30	1	2CSR275075R1064	7,620
	DSB201 M C10 AC30	10	30	1	2CSR275075R1104	7,620
	DSB201 M C16 AC30	16	30	1	2CSR275075R1164	7,620
	DSB201 M C20 AC30	20	30	1	2CSR275075R1204	7,620
	DSB201 M C25 AC30	25	30	1	2CSR275075R1254 ■	7,620
	DSB201 M C32 AC30	32	30	1	2CSR275075R1324	8,270
	DSB201 M C40 AC30	40	30	1	2CSR275075R1404 ■	9,830
	DSB201 M C6 AC100	6	100	1	2CSR275075R2064	8,580
	DSB201 M C10 AC100	10	100	1	2CSR275075R2104	8,580
	DSB201 M C16 AC100	16	100	1	2CSR275075R2164	8,580
	DSB201 M C20 AC100	20	100	1	2CSR275075R2204	8,580
	DSB201 M C25 AC100	25	100	1	2CSR275075R2254 ■	8,580
	DSB201 M C32 AC100	32	100	1	2CSR275075R2324	8,880
	DSB201 M C40 AC100	40	100	1	2CSR275075R2404 ■	10,380
	DSB201 M C6 AC300	6	300	1	2CSR275075R3064	8,270
	DSB201 M C10 AC300	10	300	1	2CSR275075R3104	8,270
	DSB201 M C16 AC300	16	300	1	2CSR275075R3164	8,270
	DSB201 M C20 AC300	20	300	1	2CSR275075R3204	8,270
	DSB201 M C25 AC300	25	300	1	2CSR275075R3254	8,270
	DSB201 M C32 AC300	32	300	1	2CSR275075R3324	8,580
	DSB201 M C40 AC300	40	300	1	2CSR275075R3404	10,110

RCBO - DSB201M

A Type ( marked)



DSB201M 1P+N

Features

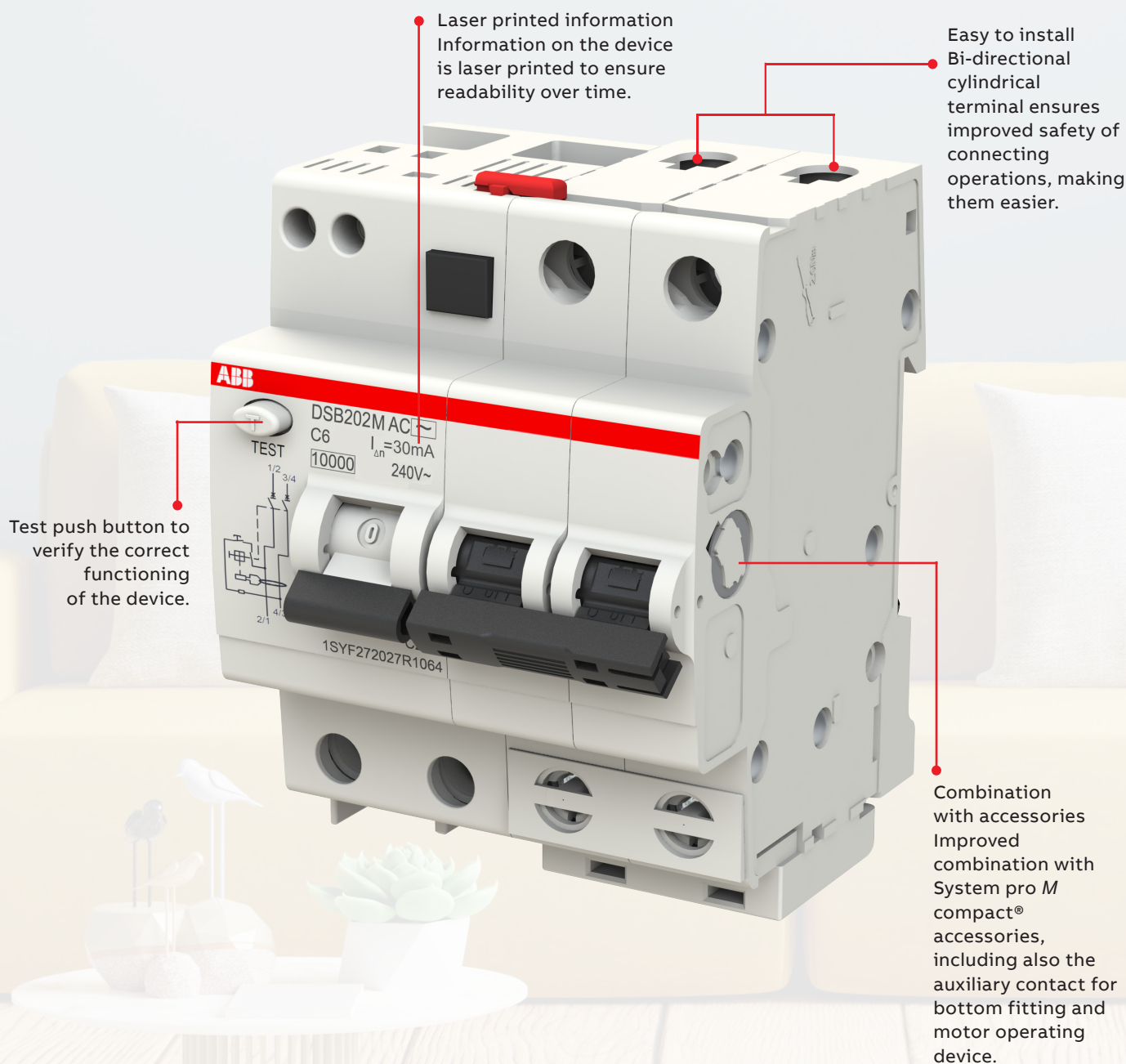
- Product Standard : IS 12640 (Part 2) : 2016, IEC 61009-1
- Type (wave form of the earth leakage sensed) : A
- Tripping characteristic : C
- Poles : 2 Poles, 2 Modules
- Rated Current I_n (A) : 6, 10, 16, 20, 25, 32, 40
- Rated sensitivity $I_{\Delta n}$ (mA): 30, 100, 300
- Rated frequency (Hz) : 50
- Rated voltage U_n (V) : 240 V
- Breaking capacity, I_{cn} (A) acc. to IEC 61009 : 10 kA
- Rated Impulse withstand Voltage : 4 kV
- Electrical life (operations) : 10000
- Mechanical life (operations) : 20000
- Ambient temperature (with daily average $\leq +35^\circ\text{C}$) : $-25\dots+55^\circ\text{C}$
- Auxiliary devices : Compatible

RCBO 10kA A Type - DSB201M

Number of poles / module	Description	Current rating (A)	Residual rated current (mA)	Pack unit (Pc)	Ordering code	Unit L.P. (₹)
1P+N / 2 module	DSB201M A-C6/0.03	6	30	1	2CSR275475R1064	11,180
	DSB201M A-C10/0.03	10	30	1	2CSR275475R1104	11,180
	DSB201M A-C16/0.03	16	30	1	2CSR275475R1164	11,180
	DSB201M A-C20/0.03	20	30	1	2CSR275475R1204	11,180
	DSB201M A-C25/0.03	25	30	1	2CSR275475R1254	11,180
	DSB201M A-C32/0.03	32	30	1	2CSR275475R1324	11,560
	DSB201M A-C40/0.03	40	30	1	2CSR275475R1404	11,800
	DSB201M A-C6/0.1	6	100	1	2CSR275475R2064	14,120
	DSB201M A-C10/0.1	10	100	1	2CSR275475R2104	14,120
	DSB201M A-C16/0.1	16	100	1	2CSR275475R2164	14,120
	DSB201M A-C20/0.1	20	100	1	2CSR275475R2204	14,120
	DSB201M A-C25/0.1	25	100	1	2CSR275475R2254	14,120
	DSB201M A-C32/0.1	32	100	1	2CSR275475R2324	15,930
	DSB201M A-C40/0.1	40	100	1	2CSR275475R2404	16,230
	DSB201M A-C6/0.3	6	300	1	2CSR275475R3064	13,830
	DSB201M A-C10/0.3	10	300	1	2CSR275475R3104	13,830
	DSB201M A-C16/0.3	16	300	1	2CSR275475R3164	13,830
	DSB201M A-C20/0.3	20	300	1	2CSR275475R3204	13,830
	DSB201M A-C25/0.3	25	300	1	2CSR275475R3254	13,830
	DSB201M A-C32/0.3	32	300	1	2CSR275475R3324	15,620
	DSB201M A-C40/0.3	40	300	1	2CSR275475R3404	15,930

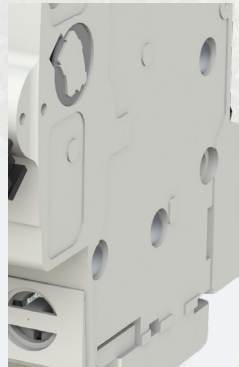
Residual current circuit breaker with overcurrent protection

Factory Fitted RCBO DSB202M and DSB204M AC Type





Easy installation
Finger-safe cage terminals suitable for 25 mm² cables and pin-type bus bars up to 10 mm².



Combination of auxiliary elements with DSB200M
Accessories can be mounted directly in few steps combination possible with the same motor operating device suitable for SB200M combination possible with auxiliary contacts for bottom fitting making DSB200M series suitable for retrofitting and application with space constraints.



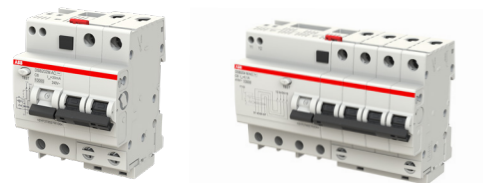
ISI Marking
RCBO DSB200M series features ISI marking to signify adherence to latest quality standards.



Additional laser printing
Additional information is laser printed on the lateral side of the device, including also the wiring diagram for an easier installation and for an easier stock management.

RCBO DSB200M

Technical features

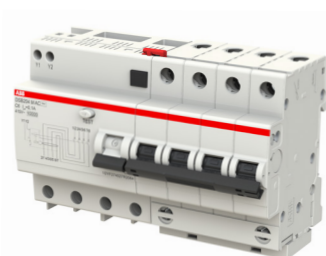


			DSB202M	DSB204M
	Standards		IS 12640-2 / IEC 61009-2-1	IS 12640-2 / IEC 610090-2-1
Electrical features	Type (wave form of the earth leakage sensed)		AC	AC
	Number of poles - Module		2P - 4 modules	4P - 6/8 modules
	Rated current In	A	6A to 63A	6A to 63A
	Rated sens itivity IΔn	mA	30 / 100 / 300	30 / 100 / 300
	Rated voltage Ue	V	240	415
	Insulation voltage Ui	V	500	500
	Overvoltage category		III	III
	Pollution degree		2	2
	Operating voltage of circuit test Ut	V	110 (170 f or 30 mA) - 254	195 (300 for 30 mA) - 440
	Rated frequency	Hz	50	50
	Rated breaking capacity (Icn)	A	10000	10000
	Rated service short circuit capacity (Ics)	kA	7.5	7.5
	Rated residual non-operating current (IΔno)	mA	15 / 50 / 150	15 / 50 / 150
	Rated impulse withstand voltage (1.2/50) Uimp	kV	4	4
	Dielectric test voltage at ind. freq. for 1 min.	kV	2.5	2.5
	Thermomagnetic release - characteristic		C: 5 In ≤ In ≤ 10 In	C: 5 In ≤ In ≤ 10 In
	Energy limiting class acc. to EN 61009-1		3	3
Mechanical features	Housing		Insulation group I - II, RAL 7035	Insulation group I - II, RAL 7035
	Toggle		Insulation group II, Black RAL 9005, sealable in ON-OFF positions	Insulation group II, Black RAL 9005, sealable in ON-OFF positions
	Electrical life	operations		
	Mechanical life	operations		
	Protection degree acc. to housing		IP40	IP40
	EN 60529 housing		IP20	IP20
	Shock resistance acc. to IEC/EN 60068-2-27		25g - 2 shocks - 13ms	25g - 2 shocks - 13ms
	Vibration resistance acc. to IEC/EN 60068-2-6		0.1 mm or 1g - 20 cycles at 5...150...5 Hz	0.1 mm or 1g - 20 cycles at 5...150...5 Hz
	Environmental conditions (damp heat) acc. to IEC/EN 60068-2-30	°C/RH	28 cycles with 55°C/90-96% and 25°C/95-100%	28 cycles with 55°C/90-96% and 25°C/95-100%
	Reference temperature for setting of thermal element	°C	30	30
	Ambient temperature (with daily average ≤ +35 °C)	°C	-25...+55	-25...+55
	Storage temperature	°C	-40...+70	-40...+70
Installation	Method of connection		Screw type	Screw type
	Terminal type	top / bottom	failsafe bi-directional cylinder-lift terminal (shock protected)	failsafe bi-directional cylinder-lift terminal (shock protected)
	Terminal size for cables	top / bottom	4M Rigid 1...35	6 M Rigid 1...25
				8 M Rigid 1....25
		top / bottom	4M Flexible 1...25	6 M Flexible 1...16
				8 M Flexible 1...25
	Tightening torque	top / bottom	Nm	2.8
	Stripping length of the cable	mm	12	12
	Mounting		DIN-Rail EN 60715 (35mm)	DIN-Rail EN 60715 (35mm)
	Mounting position		Any	Any
Supply from		Top/Bottom terminals	Top/Bottom terminals	
Dimensions and weight	Dimensions (H x D x W)	mm	4M 93 x 69 x 70	6M 93 x 69 x 105
	Weight	g	4M 475	8M 93 x 69 x 140
				6M 775
Auxiliary elements	Combinable with accessories and auxiliaries		yes	yes
Marking	ISI Marking		yes	yes

Residual current circuit breaker with overcurrent protection

MADE IN
INDIA

Factory Fitted RCBO DSB202M and DSB204M AC Type



DSB204M



Features

- Product Standard : IS 12640 (Part 2) : 2016, IEC 61009-2-1
- Type (wave form of the earth leakage sensed) : AC
- Tripping characteristic : C
- Poles : 2 Pole 4 Module, 4 Pole 6 Module, 4 Pole 8 Module
- Rated Current In (A) : 25, 40, 63
- Rated sensitivity I Δ n (mA): 30, 100, 300
- Rated frequency (Hz) : 50
- Rated voltage Un (V) : 240 V
- Breaking capacity, Icn (A) : 10 kA
- Rated Impulse withstand Voltage : 4 kV
- Electrical life (operations) : 10000
- Mechanical life (operations) : 20000
- Ambient temperature (with daily average $\leq +35^{\circ}\text{C}$) : $-25...+55^{\circ}\text{C}$
- Auxiliary devices : Compatible

DSB202M 10kA AC Type Double Pole

Number of poles/Module	Description	Current rating (A)	Residual rated current (mA)	Pack unit (Pc)	Old Ordering code	New Ordering code*	Unit L.P. (₹)
2 Pole / 4 Module	DSB202M AC-C25/30mA	25	30	1	2CSR272027R1254	1SYF272027R1254	6,350
	DSB202M AC-C25/100mA	25	100	1	2CSR272027R2254	1SYF272027R2254	7,910
	DSB202M AC-C25/300mA	25	300	1	2CSR272027R3254	1SYF272027R3254	8,020
	DSB202M AC-C40/30mA	40	30	1	2CSR272027R1404	1SYF272027R1404	7,920
	DSB202M AC-C40/100mA	40	100	1	2CSR272027R2404	1SYF272027R2404	8,750
	DSB202M AC-C40/300mA	40	300	1	2CSR272027R3404	1SYF272027R3404	9,000
	DSB202M AC-C63/30mA	63	30	1	2CSR272027R1634	1SYF272027R1634	9,460
	DSB202M AC-C63/100mA	63	100	1	2CSR272027R2634	1SYF272027R2634	10,110
	DSB202M AC-C63/300mA	63	300	1	2CSR272027R3634	1SYF272027R3634	10,290

DSB204M 10kA AC Type Four Pole

Number of poles/Module	Description	Current rating (A)	Residual rated current (mA)	Pack unit (Pc)	Old Ordering code	New Ordering code*	Unit L.P. (₹)
4 Pole / 6 Module	DSB204M AC-C25/30mA	25	30	1	2CSR274027R1254	1SYF274027R1254	8,560
4 Pole / 8 Module	DSB204M AC-C25/100mA	25	100	1	2CSR274027R2254	1SYF274027R2254	9,660
	DSB204M AC-C25/300mA	25	300	1	2CSR274027R3254	1SYF274027R3254	9,950
	DSB204M AC-C40/30mA	40	30	1	2CSR274027R1404	1SYF274027R1404	8,970
	DSB204M AC-C40/100mA	40	100	1	2CSR274027R2404	1SYF274027R2404	9,600
	DSB204M AC-C40/300mA	40	300	1	2CSR274027R3404	1SYF274027R3404	9,810
	DSB204M AC-C63/30mA	63	30	1	2CSR274027R1634	1SYF274027R1634	10,610
	DSB204M AC-C63/100mA	63	100	1	2CSR274027R2634	1SYF274027R2634	10,930
	DSB204M AC-C63/300mA	63	300	1	2CSR274027R3634	1SYF274027R3634	11,100

***Note:** New Made-in-India DSB200M* RCBO order codes will be active for supplies starting April 2026. During the transition period, the existing order codes will remain valid for fulfilling open orders and ongoing project requirements. Please refer to the technical catalog for detailed technical specifications and additional information.

Solution for unwanted tripping - AP-R type (high immunity) RCCB / RCBO

The ABB range of AP-R anti-disturbance residual current circuit-breakers and blocks was designed to overcome the problem of unwanted tripping due to overvoltages of atmospheric or operation origin.

The electronic circuit in these devices can distinguish between temporary leakage caused by disturbances on the mains and permanent leakage due to actual faults, only breaking the circuit in the latter case.

AP-R residual current circuit-breakers and blocks have a slight delay into the tripping time, but this does not compromise the safety limits set by the Standards in force (release time at $2 I_{\Delta n} = 150$ ms).

Compared with standard type breakers, AP-R residual current breakers are therefore characterised, for any given sensibility, by:

- Higher residual trip current
- Tripping time delay
- Better resistance to overvoltages, harmonics and impulse disturbances

Guaranteeing conventional residual current protection, their installation in the electrical circuit therefore allows any unwanted tripping to be avoided in domestic and industrial systems in which service continuity is essential.

This delay makes the AP-R residual current devices especially suited for installations involving motor starters/variable speed drives, fluorescent lamps or IT/electronic equipment.

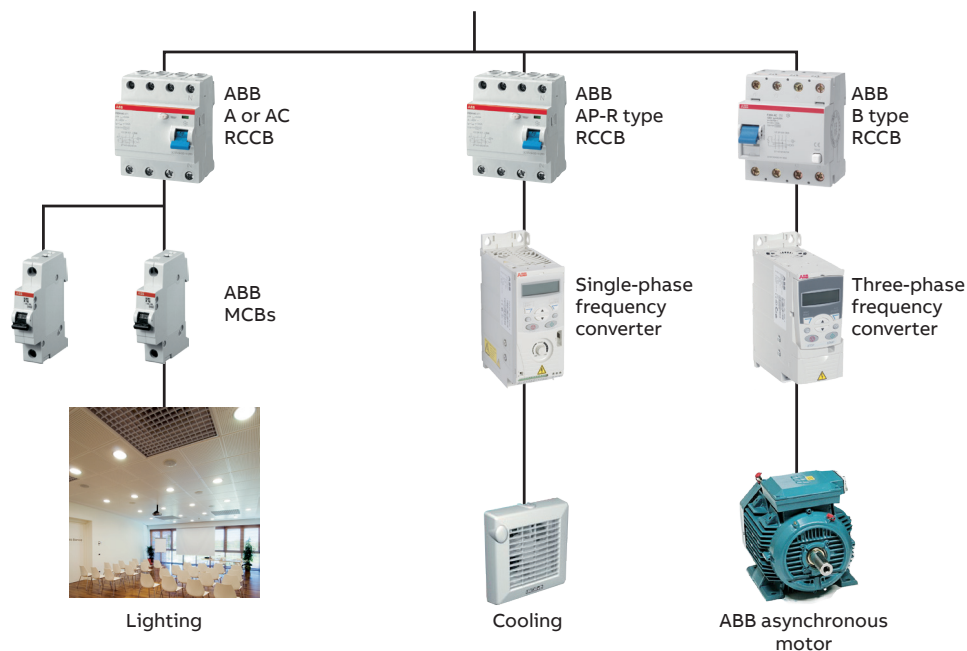
The use of multiple electronic reactors for the supply of fluorescent lamps instead generates permanent leakage currents and inrush currents that can cause nuisance tripping of a standard residual current circuit breaker.

IT system loads and other electronic equipment (e.g. dimmers, computers, inverters) with capacitive input filters connected between the phases and ground can also generate permanent earth leakage currents whose sum may provoke the nuisance tripping of a standard residual current circuit-breaker. For these situations, the AP-R breakers allow a greater number of devices to be connected to the installation.

Frequency converters include a rectifier section and an inverter section.

In case of fault within a single-phase frequency converter AP-R type RCDs provide complete protection, because an earth fault occurring downstream the inverter, produces an earth fault current with multi-frequency shape with high amount of harmonics.

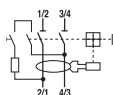
While, in case of fault within a three-phase frequency converter, B type RCDs ensure complete protection because in case of insulation fault between the rectifier and the inverter or downstream the inverter we can have a smooth DC earth fault current.



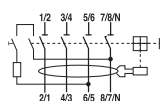
Residual Current Devices: AP-R (high immunity)



F202A



F204A



RCCB - F200 series APR type (high immunity)

Function: protection against the effects of sinusoidal alternating and direct pulsating earth fault currents, providing the best compromise between safety and continuity in the service, thanks to the resistance to unwanted trippings; protection against indirect contacts and additional protection against direct ($I_{\Delta n}=30$ mA) contacts.

Application: residential, commercial, industrial

Standard: IEC/EN 61008

Marking: according to EN 61008

RCCB - F200 series

Number of poles	Description	Current rating (A)	Residual rated current (mA)	Packing	Ordering code	Unit L.P. (₹)
2 Pole	F202 A-25/0.03 AP-R	25	30	1	2CSF202401R1250	11,520
	F202 A-40/0.03 AP-R	40	30	1	2CSF202401R1400	12,130
	F202 A-63/0.03 AP-R	63	30	1	2CSF202401R1630	14,640
	F202 A-80/0.03 AP-R	80	30	1	2CSF202401R1800	20,300
	F202 A-100/0.03 AP-R	100	30	1	2CSF202401R1900	22,720
4 Pole	F204 A-25/0.03 AP-R	25	30	1	2CSF204401R1250	14,170
	F204 A-40/0.03 AP-R	40	30	1	2CSF204401R1400	14,560
	F204 A-63/0.03 AP-R	63	30	1	2CSF204401R1630	16,530
	F204 A-80/0.03 AP-R	80	30	1	2CSF204401R1800	24,820
	F204 A-100/0.03 AP-R	100	30	1	2CSF204401R1900	27,350
	F204 A-125/0.03 AP-R	125	30	1	2CSF204401R1950	Upon Request

RCBO - DS200 series APR type (high immunity)

Function: protection against the effects of sinusoidal alternating and direct pulsating earth fault currents, providing an optimal compromise between safety and continuity of service, thanks to the resistance to unwanted tripping; protection against indirect contact and additional protection against direct ($I_{\Delta n}=30$ mA) contact; protection and isolation of resistive and inductive loads.

Application: residential, commercial, industrial

Standard: IEC/EN 61009

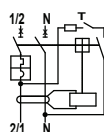
$I_{cn}=10$ kA

RCBO APR type - DS200 series

Number of poles / module	Description	Current rating (A)	Residual rated current (mA)	Packing	Ordering code	Unit L.P. (₹)
1P + N / 2 module	DS201 M C6 APR30	6	30	1	2CSR275480R1064	13,150
	DS201 M C10 APR30	10	30	1	2CSR275480R1104	13,150
	DS201 M C16 APR30	16	30	1	2CSR275480R1164	13,150
	DS201 M C20 APR30	20	30	1	2CSR275480R1204	13,150
	DS201 M C25 APR30	25	30	1	2CSR275480R1254	13,150
	DS201 M C32 APR30	32	30	1	2CSR275480R1324	13,600
	DS201 M C40 APR30	40	30	1	2CSR275480R1404	13,870
	DS201 M C6 APR100	6	100	1	2CSR275480R2064	16,610
	DS201 M C10 APR100	10	100	1	2CSR275480R2104	16,610
	DS201 M C16 APR100	16	100	1	2CSR275480R2164	16,610
	DS201 M C20 APR100	20	100	1	2CSR275480R2204	16,610
	DS201 M C25 APR100	25	100	1	2CSR275480R2254	16,610
	DS201 M C32 APR100	32	100	1	2CSR275480R2324	18,750
	DS201 M C40 APR100	40	100	1	2CSR275480R2404	19,120
	DS201 M C6 APR300	6	300	1	2CSR275480R3064	16,260
	DS201 M C10 APR300	10	300	1	2CSR275480R3104	16,260
	DS201 M C16 APR300	16	300	1	2CSR275480R3164	16,260
	DS201 M C20 APR300	20	300	1	2CSR275480R3204	16,260
	DS201 M C25 APR300	25	300	1	2CSR275480R3254	16,260
	DS201 M C32 APR300	32	300	1	2CSR275480R3324	18,370
	DS201 M C40 APR300	40	300	1	2CSR275480R3404	18,750

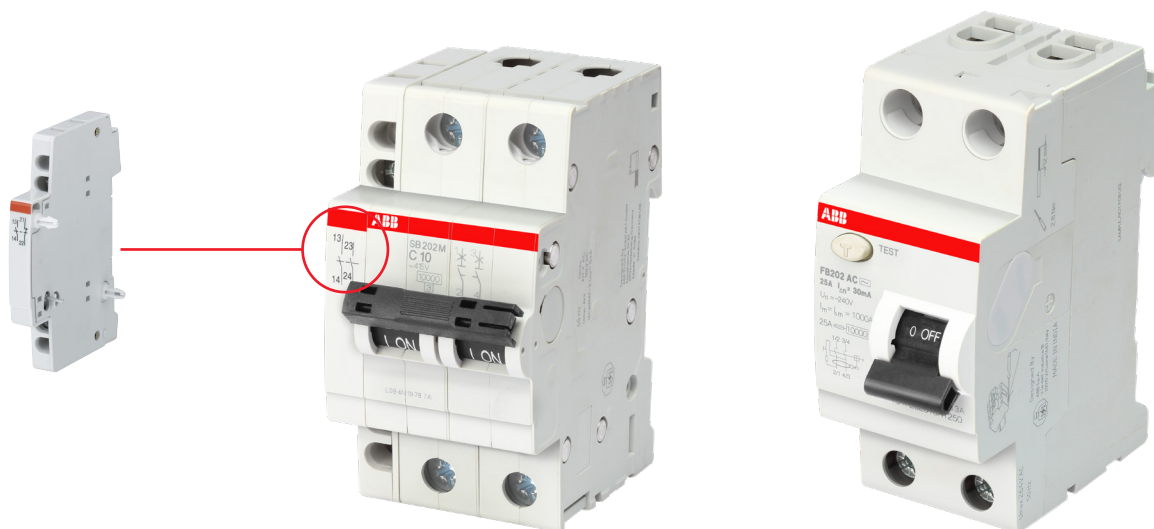


DS201M APR-1P+N



System pro M

Accessories for MCBs - SB200M/SB200M I/S200M,
RCCBs - FB200/F200, RCBOs - DS201M/DSB201M/
DSB200M, Switch Disconnecter - SDB200/E200



Thanks to the variety of control and monitoring accessories which enable you to build different monitory control logics of the protection devices.



S2C-H6...
Auxiliary contact



S2C-S/H6R
Signal/auxiliary contacts



S3C-A
Shunt trip



S3C-UA
Under voltage release



S2C-OVP
Over voltage release



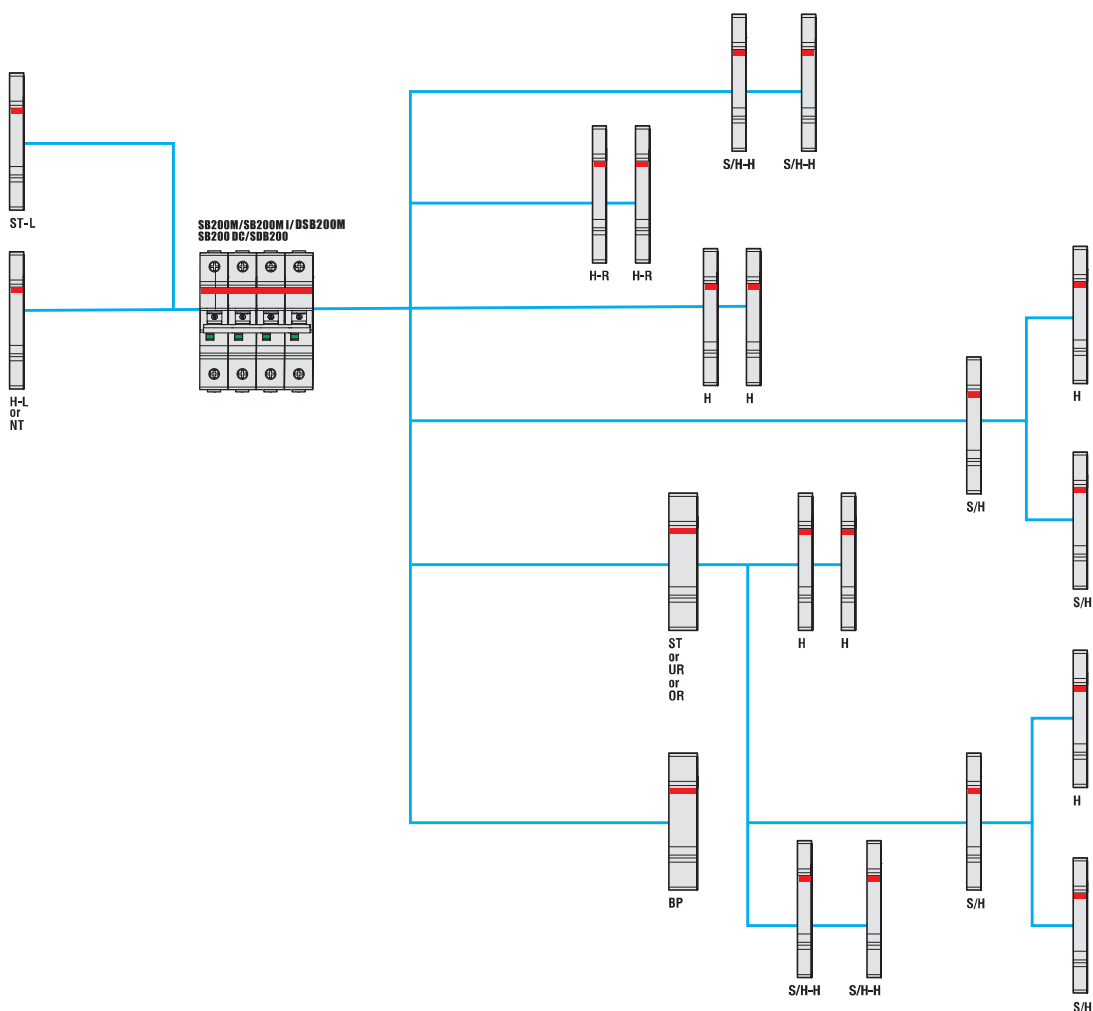
S3C-MOD24
Motor operating device



S2C-BP
Mechanical tripping device

System pro M

Accessories for MCBs - SB200M/SB200M I/SB200 DC/
S200M, RCBOs - DSB200M, Switch Disconnecter -
SDB200/E200



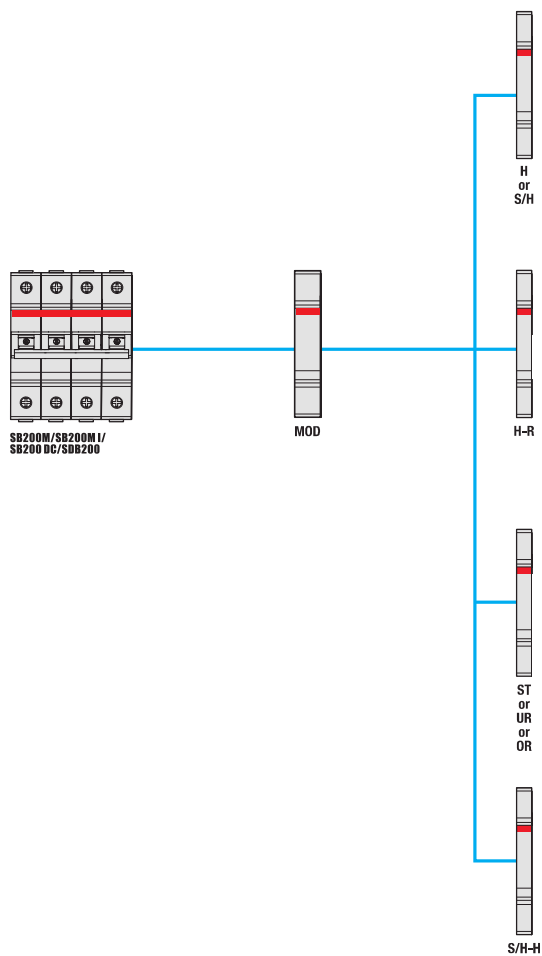
H	Auxiliary contact	S2C-H6R
H-R	Auxiliary contact	S2C-H6-...R
S/H	Signal/Auxiliary contact	S2C-S/H6R
S/H (H)	Signal/Auxiliary contact used as auxiliary contact	S2C-S/H6R
ST	Shunt trip	S3C-A ...
ST-L	Shunt trip to be mounted on the left	S3C-A ... L
UR	Undervoltage release	S3C-UA
OR	Overvoltage release	S2C-OVP
H-L*	Auxiliary contact to be mounted on the left	S2C-H ... L
BP	Mechanical tripping device	S2C-BP
NT	Switched neutral	S2C-Nt
MOD***	Motor operating device	S3C-MOD ...

In case of using rotary operating mechanism S2C-DH (only right side mountable) the auxiliary devices left side and bottom fitting auxiliary contact could be used.

System pro M

Accessories for MCBs - SB200M/SB200M I/SB200 DC, RCBOs - DSB200M, Switch Disconnecter - SDB200/E200

Combination of SB200M/SB200M I/SB200 DC/DSB200M/SDB200 with motor operating device

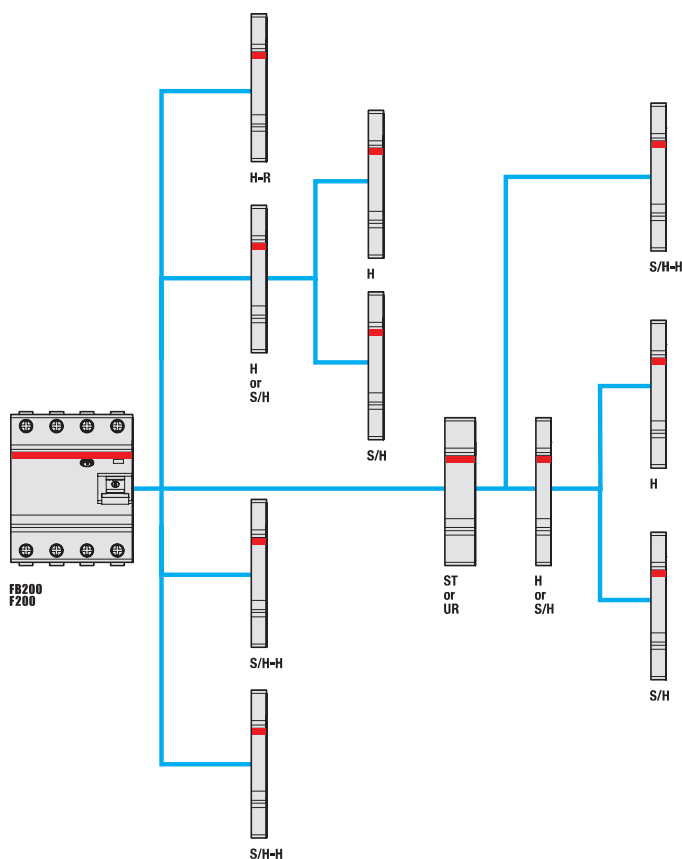


H	Auxiliary contact	S2C-H6R
H-R	Auxiliary contact	S2C-H6-...R
S/H	Signal/Auxiliary contact	S2C-S/H6R
S/H (H)	Signal/Auxiliary contact used as auxiliary contact	S2C-S/H6R
S/H-H	Auxiliary contact-Signal contact/ Auxiliary contact 2CO	S3C-H-S/H6R
ST	Shunt trip	S3C-A ...
UR	Undervoltage release	S3C-UA
OR	Overvoltage release	S2C-OVP
MOD***	Motor operating device	S3C-MOD ...

System pro M

Accessories for RCCBs - FB200/F200

Combination of auxiliary elements with FB200/F200



H	Auxiliary contact	S2C-H6R
S/H	Signal/Auxiliary contact	S2C-S/H6R
S/H (H)	Signal/Auxiliary contact used as auxiliary contact	S2C-S/H6R
H-R	Auxiliary contact	S2C-H6-... R
UR	Undervoltage release	S3C-UA
OR	Overvoltage release	S2C-OVP
AR*	Auto reclosing unit	F3C-AR24& F3C-AR230
MOD*	Motor operating device	S3C-MOD ...
ST	Shunt trip	S3C-A ...

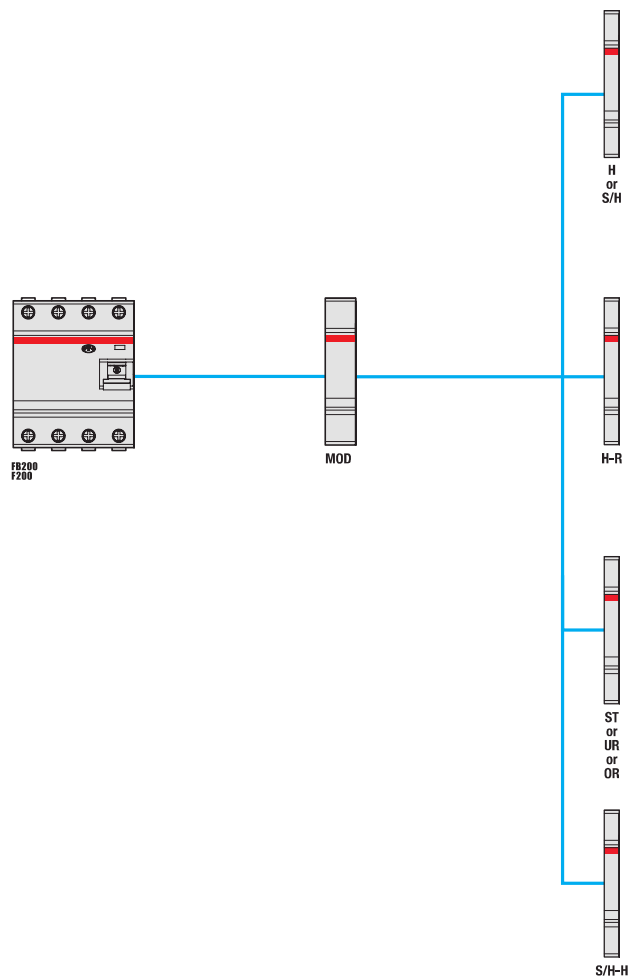
* Applicable only for RCCB.

• Please check that the scheme can be found in Combination of F200 (up to 100A), F200 B type (up to 63 A) and DS201.

System pro M

Accessories for RCCBs - FB200/F200

Combination of FB200/F200 with motor operating device



H	Auxiliary contact	S2C-H6R
H-R	Auxiliary contact	S2C-H6-xxR
S/H	Signal/Auxiliary contact	S2C-S/H6R
S/H (H)	Signal/Auxiliary contact used as auxiliary contact	S2C-S/H6R
S/H-H	Auxiliary contact signal contact/ Auxiliary contact 2CD	S3C-H-S/H6R
ST	Shunt Trip	S3C-A...
OR	Overvoltage release	S2C-OVP
UR	Undervoltage release	S3C-UA**
MOD*	Motor operating device	S3C-MOD...

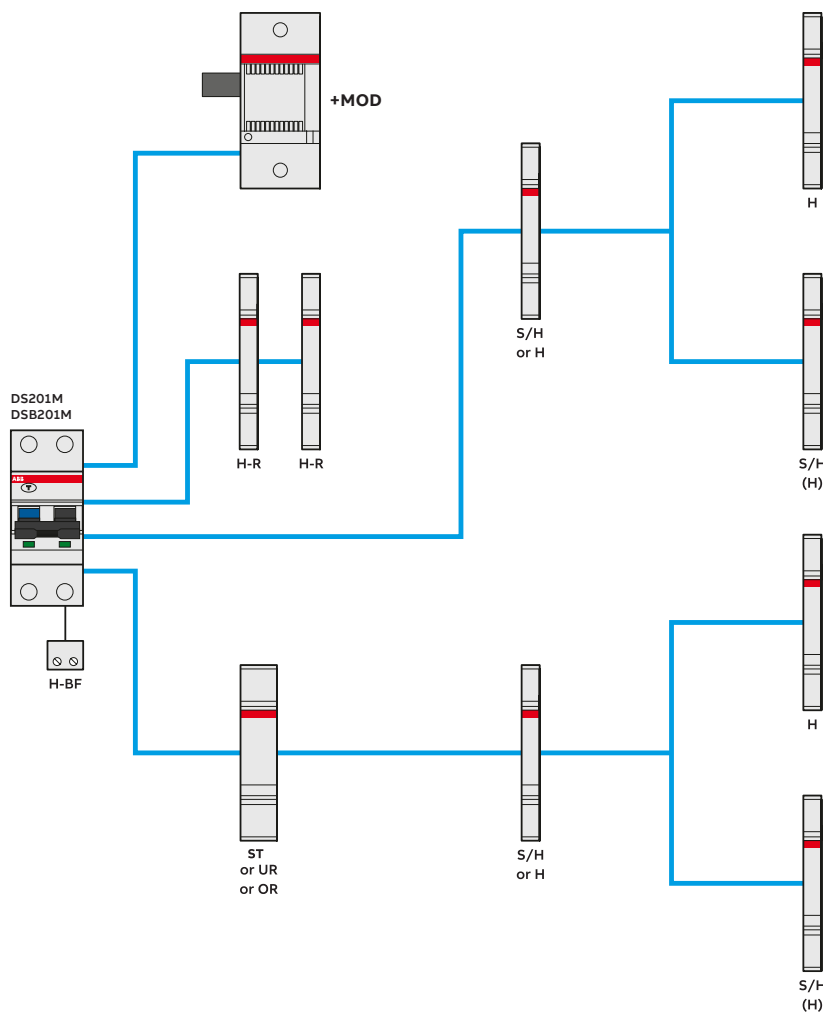
* Accessory combination is not allowed for DS201

** S3C-UA can accept only one auxiliary or signal contact mounted after it

System pro M

Accessories for RCBOs - DS201M/DSB201M

Combination of auxiliary elements and motor operating device with DS201M/DSB201M



H	Auxiliary contact	S2C-H6R
H-R	Auxiliary contact	S2C-H6-xxR
S/H	Signal / auxiliary contact	S2C-S/H6R
S/H (H)	Signal / auxiliary contact used as auxiliary contact	S2C-S/H6R
ST	Shunt trip	S3C-A...
UR	Undervoltage release	S3C-UA
OR	Overvoltage release	S2C-OVP
H-BF	Auxiliary contact for bottom fitting (only DS201 (2019))	S2C-H01 / S2C-H10
MOD	Motor operating device (for DS201 (2019))	S3C-MOD...
MOD	Motor operating device (for DS201 and DS202C)	S3C-MOD...

Accessories for MCBs, RCCBs, RCBOs, AFDDs and Switch Disconnectors



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 SB200 series, SB200 DC, switch disconnector SDB200, RCBO DS201M, DSB201M and E200.



SA 2

Description	Order details		Standard pack	Unit L.P. (₹)
	Type code	Order code		
Locking Device 3mm	SA 1	GJF1101903R0001	10	960
Lock Adaptor 6mm	SA 1E	GJF1101903R0004	10	930
Padlock with 2 keys	SA 2	GJF1101903R0002	10	3,050
Padlock, identical locking with 2 keys	SA 2 i	GJF1109999R0001	10	2,320
Lock adaptor incl. padlock with 3 keys in transparent box	SA 3	GJF1101903R0003	10	2,890

Auxiliary elements for MCBs, RCCBs, RCBOs, AFDDs and Switch Disconnectors



S2C-S/H6R

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.



S2C-H6...

S2C-HxxL:

Auxiliary contacts with contact configuration according to the following table. These contacts are left-side mounted and fit to SB200 MCB series 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.

Description	Bbn 4016779	Order details		Standard pack	Unit L.P. (₹)
	EAN	Type code	Order code		
Signal contact/ auxiliary switch 1CO	563819	S2C-S/H6R	2CDS200922R0001 ■	1	2,730
Auxiliary contact 1CO	563826	S2C-H6R	2CDS200912R0001 ■	1	1,510
Auxiliary contact 1NO/1NC	697941	S2C-H6-11R	2CDS200946R0001 ■	1	1,560
Auxiliary contact 2NO	697958	S2C-H6-20R	2CDS200946R0002	1	1,570
Auxiliary contact 2NC	697965	S2C-H6-02R	2CDS200946R0003	1	1,570

Auxiliary contacts mounting on the left side

Description	Bbn 4016779	Order details		Standard pack	Unit L.P. (₹)
	EAN	Type code	Order code		
Auxiliary contact 1 NO/1NC	648820	S2C-H11L	2CDS200936R0001	1	1,750
Auxiliary contact 2 NO	648837	S2C-H20L	2CDS200936R0002	1	1,720
Auxiliary contact 2 NC	648844	S2C-H02L	2CDS200936R0003	1	1,720

Auxiliary elements for MCBs, RCCBs, RCBOs, AFDDs and Switch Disconnectors



S3C-A1



S3C-A2

Shunt trips
 Function: remote opening of the device when a voltage is applied. Suitable for MCBs SB200 series, Switch Disconnector SDB200 RCCBs FB200, F200, RCBOs DSB200, DS200 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 Ibmax (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 Ibmax 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.

Auxiliary contacts mounting on the left side

Rated voltage	Bbn 4016779	Order details		Standard pack	Unit L.P. (₹)
	EAN	Type code	Order code		
AC/DC 12...110 V	116625	S3C-A1	2CDS200982R0001	1	6,400
AC 110...415 V/DC110...250 V	116663	S3C-A2	2CDS200982R0002	1	

Auxiliary elements for MCBs, RCCBs, RCBOs, AFDDs and Switch Disconnectors



S3C-UA

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. S3C-UA 230D version will trip the main protection device after waiting around 200 ms from the first voltage drop detection. Led function implemented to show if an undervoltage drop occurred. Suitable for MCBs SB200 series, RCCBs FB200 series and RCBOs DS201M, DSB201M, SDB200 switch disconnectors series.

Rated voltage	Bbn 8012542	Order details		Standard pack	Unit L.P. (₹)
	EAN	Type code	Order code		
12	159318	S3C-UA 12 DC/AC	2CDS200985R0041	1	Upon Request
24	159356	S3C-UA 24 DC/AC	2CDS200985R0042	1	
48	159394	S3C-UA 48 DC/AC	2CDS200985R0043	1	
110	159431	S3C-UA 110 DC/AC	2CDS200985R0044	1	
230	159479	S3C-UA 230 DC/AC	2CDS200985R0045	1	
230	159554	S3C-UA 230D DC/AC	2CDS200985R0047	1	

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		Standard pack	Unit L.P. (₹)
	EAN	Type code	Order code		
Overvoltage release (max. tripping voltage AC: 275V)	748137	S2C-OVP1	2CSS200910R0005	1/5	10,390
Overvoltage release (max. tripping voltage AC: 290V)	952039	S2C-OVP2	2CSS200993R0005	1/5	



S2C-Nt

Hand operated neutral left side mounted

S2C-Nt		
Rated current	A	max. 40
Terminal	mm ²	10; cage terminal
Tightening torque	Nm	1.2
Dimensions (H x D x W)	mm	85 x 69 x 8.8

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 disconnector series. The S2C - Nt is not to switch with a tool (screwdriver).

Description	Bbn 4016779	Order details		Standard pack	Unit L.P. (₹)
	EAN	Type code	Order code		
Max 40A	647625	S2C-Nt	2CDS200918R0001	1	1,570

Accessories

Rotary operating mechanism for SB200M



S2C-DH

Rotary operating mechanism (usable just with SB200/S200 devices)

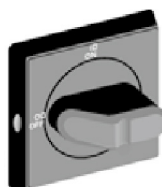
For the actuation of 2-, 3- or 4pole miniature circuit-breakers in closed distribution boards for driveaxles of 5 or 6 mm² (square)

Description	Bbn 4012233	Order details		Standard pack	Unit L.P. (₹)
	EAN	Type code	Order code		
Rotary operating mechanism	57960 5	S2C-DH	GHS2001901R0003	1	Upon request

Note: S2C-DH cannot be used on DS200

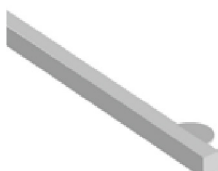
Handles

Handle IP 65, 65 x 65 mm, padlockable with max. 3 padlocks (bail diameter 5 - 8 mm), door interlock in ON-position, adjustable*



OH

Color	Suitable for switches	Bbn 4012233	Order details		Standard pack	Unit L.P. (₹)
		EAN	Type code	Order code		
Black	OT16...40F	40978 8	OHBS2AJ	1SCA105213R1001	1	Upon request
Yellow-red	OT16...40F	41226 9	OHYS2AJ	1SCA105296R1001	1	
Silver	OT16...40F	41199 6	OHSS2AJ	1SCA105278R1001	1	
Grey	OT16...40F	41186 6	OHGS2AJ	1SCA105265R1001	1	



OXS6X

Handle IP 65, 65 x 65 mm, padlockable with max. 3 padlocks (bail diameter 5 - 8 mm), door interlock in ON-position

Color	Suitable for switches	Bbn 4012233	Order details		Standard pack	Unit L.P. (₹)
		EAN	Type code	Order code		
Black	OT16...40F	41140 8	OHBS2AJ1	1SCA105215R1001	1	Upon request
Yellow-red	OT16...40F	41227 6	OHYS2AJ1	1SCA105297R1001	1	
Silver	OT16...40F	41210 8	OHSS2AJ1	1SCA105279R1001	1	
Grey	OT16...40F	41187 3	OHGS2AJ1	1SCA105266R1001	1	

* OH_2_J enables selection of MCB behavior when opening panel door (remain switched on or switch off). OH_2_J1 will cause MCB to switch off when opening panel door.

Axle extension

Type and order numbers are for one piece. For selector type handles. Shaft diameter 6 mm.

Length	Suitable for switches	Bbn 4012233	Order details		Standard pack	Unit L.P. (₹)
		EAN	Type code	Order code		
85	OT16...40F	36571 8	OXS6X85	1SCA101647R1001	10	Upon request
105	OT16...40F	42411 8	OXS6X105	1SCA108043R1001	10	
120	OT16...40F	36578 7	OXS6X120	1SCA101654R1001	10	
130	OT16...40F	36577 0	OXS6X130	1SCA101655R1001	10	
160	OT16...40F	36580 0	OXS6X160	1SCA101656R1001	10	
180	OT16...40F	36583 1	OXS6X180	1SCA101659R1001	10	
250	OT16...40F	36584 8	OXS6X250	1SCA101660R1001	10	
330	OT16...40F	36585 5	OXS6X330	1SCA101661R1001	10	

Motor operating and auto-reclosing device for MCBs, RCCBs, RCBOs and Switch Disconnectors



S3C-MOD24

2CSS201998R0033

Motor operating devices

Function: S3C-MOD, allow the remote control (opening or closing) of the coupled device. Suitable for SB200 series MCBs and SDB200 switch disconnectors, FB200, F200 RCCBs, RCBOs DS201M and DSB201M. F2-125A Suitable for F200 125A RCCBs

Description	Bbn 8012542	Order details		Standard pack	Unit L.P. (₹)
	EAN	Type code	Order code		
Motor Operating Device, 24-48 V AC/DC	539254	S3C-MOD24	2CSS201998R0033	1	Upon request
Motor Operating Device, 110-240 V AC	539353	S3C-MOD230	2CSS202998R0033	1	
Motor operating device for F200 125A RCCB	020721	F2-125A- 24V-CM4	2CSF200997R1214	1	
Motor operating device for F200 125A RCCB	600626	F2-125A- 230V-CM4	2CSF200997R1205	1	



F3C-AR24

2CSF201998R0034

Auto-reclosing units

Function: Auto-reclosing units are used to automatically operate the reclosing of the associated device in case of unwanted tripping. Suitable for F200 series up to 100 A and F200 B type up to 63 A

Description	Bbn 8012542	Order details		Standard pack	Unit L.P. (₹)
	EAN	Type code	Order code		
Auto-reclosing unit, 24-48 V AC/DC	539452	F3C-AR24	2CSF201998R0034	1	Upon request
Auto-reclosing unit, 110-240 V AC	539551	F3C-AR230	2CSF202998R0034	1	
Auto-reclosing unit, 110-240 V AC, with 30s waiting time	539650	F3C-AR230 D	2CSF203998R0034	1	

Auxiliary elements for HPMCB - SB800X/S800 series



S800-AUX



S800-AUX/ALT

Auxiliary contact

Description	Order details	Packing	Ordering code	Unit L.P. (₹)
Auxiliary contact	S800-AUX	1	2CCS800900R0011 ■	5,310

Combined auxiliary and signal contact

Description	Order details	Packing	Ordering code	Unit L.P. (₹)
Auxiliary/signal contact	S800-AUX/ALT	1	2CCS800900R0021	6,360

Wiring diagram

System Pro *M*

MCBs (SB200M & SB200M I)

SB201	SB202	SB203	SB204	SB201 NA	SB203 NA
1 ✕ 2	13 ✕✕ 24	135 ✕✕✕ 246	1357 ✕✕✕✕ 2468	13N ✕⏏ 24N	1357N ✕✕✕⏏ 2468N

RCCBs (FB200 & F200)

FB202 / F202	FB204 / F204
1/23 /4 2/14 /3	1/23 /4 5/6 7/8/N 2/14 /3 6/5 8/7/N

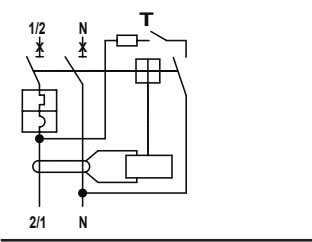
■ Stock items

Wiring diagram

System Pro *M*

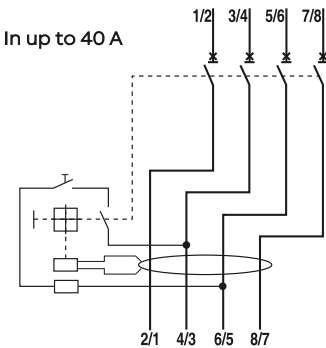
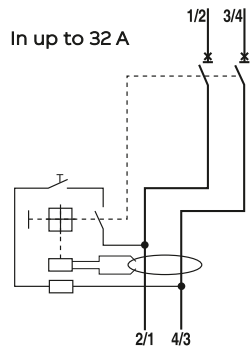
RCBOs (DSB201 M / DS201 M)

DSB201 M / DS201 M

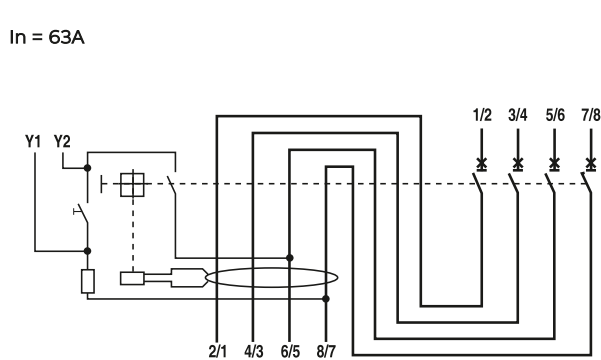
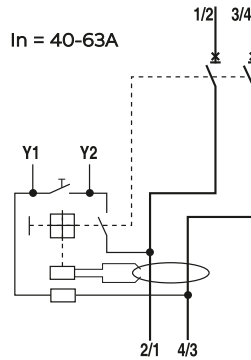


RCBOs (DSB200M)

DSB202M	DSB204M
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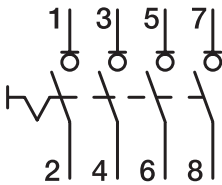
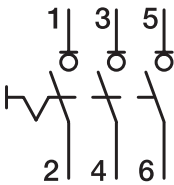


DSB202M	DSB204M
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Switch disconnecter (SDB200)

SDB202	SDB203	SDB204
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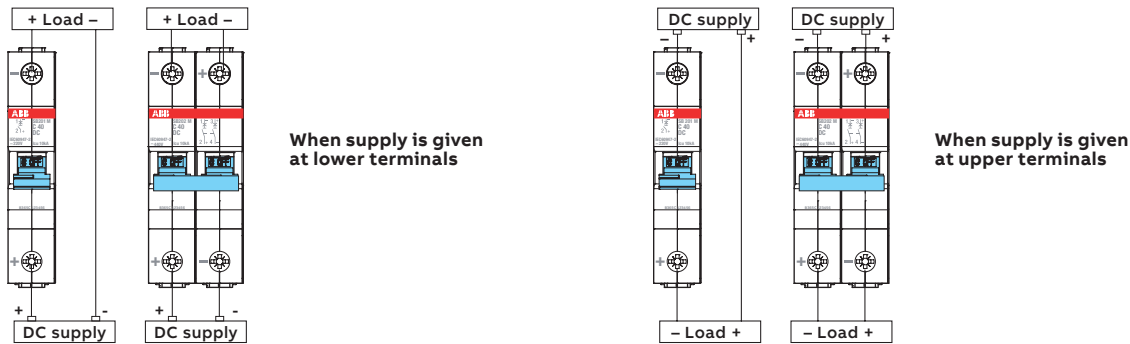
Wiring diagram

SB200 DC

Example for permissible voltages between the conductors depending on the number of poles and circuit layout:

voltage between conductors	U_n	250 V-	500 V-	500 V-	500 V-
voltage between conductors and earth	U_n	250 V-	250 V-	500 V-	250 V-
MCB		1-pole SB200 DC	2-pole SB200 DC	2-pole SB200 DC	2-pole SB200 DC
supply from below					
supply from above					

Supply and load connections



Auxiliary elements

S2C-S/H6R	S2C-H6R	S2C-H-11R	S2C-H6-20R
Used as signal contact 	Used as auxiliary contact 	Used as auxiliary contact 	Used as auxiliary contact
Automatic opening 	Automatic opening 	Automatic opening 	Automatic opening
Manual opening 			

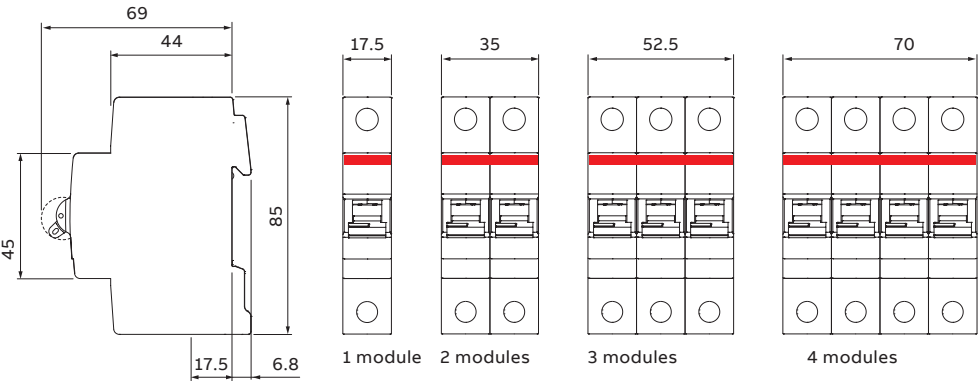
Auxiliary elements

S2C-H6-02R
Opening

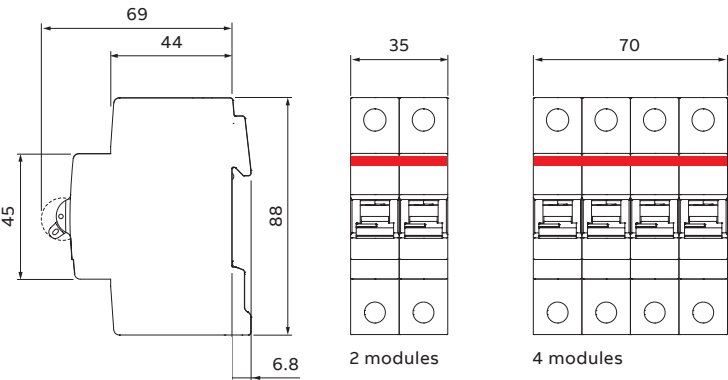
Overall dimensions

System Pro *M*

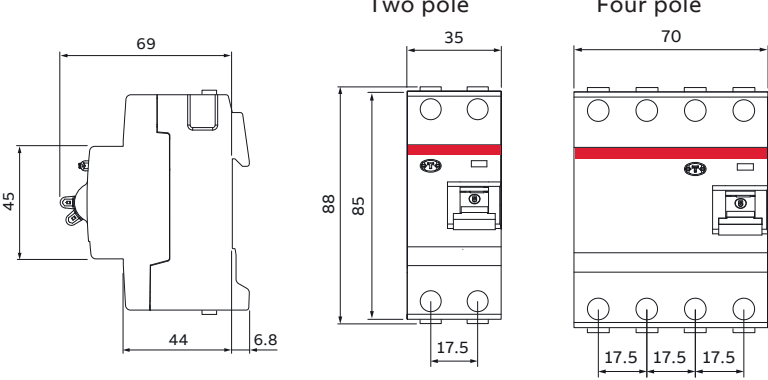
MCB SB200M, SB200M Industrial and Switch disconnector SDB200



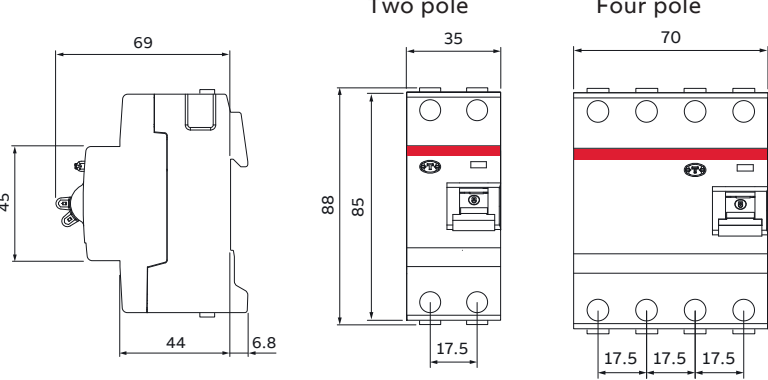
MCB SB200 DC



RCCB FB200



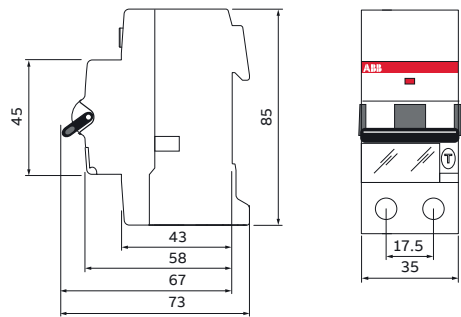
RCCB F200



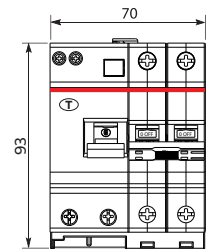
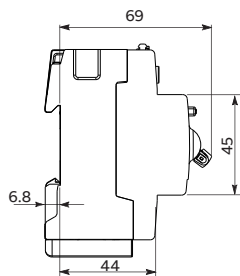
Overall dimensions

System Pro *M*

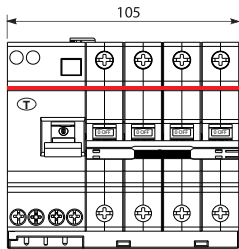
RCBO DS201 M / DSB201 M



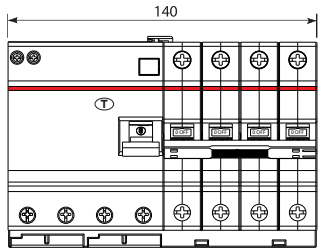
RCBO - DSB200M



DSB202M 4 Module



IΔn=30mA & In≤32A
DSB204M 6 Module

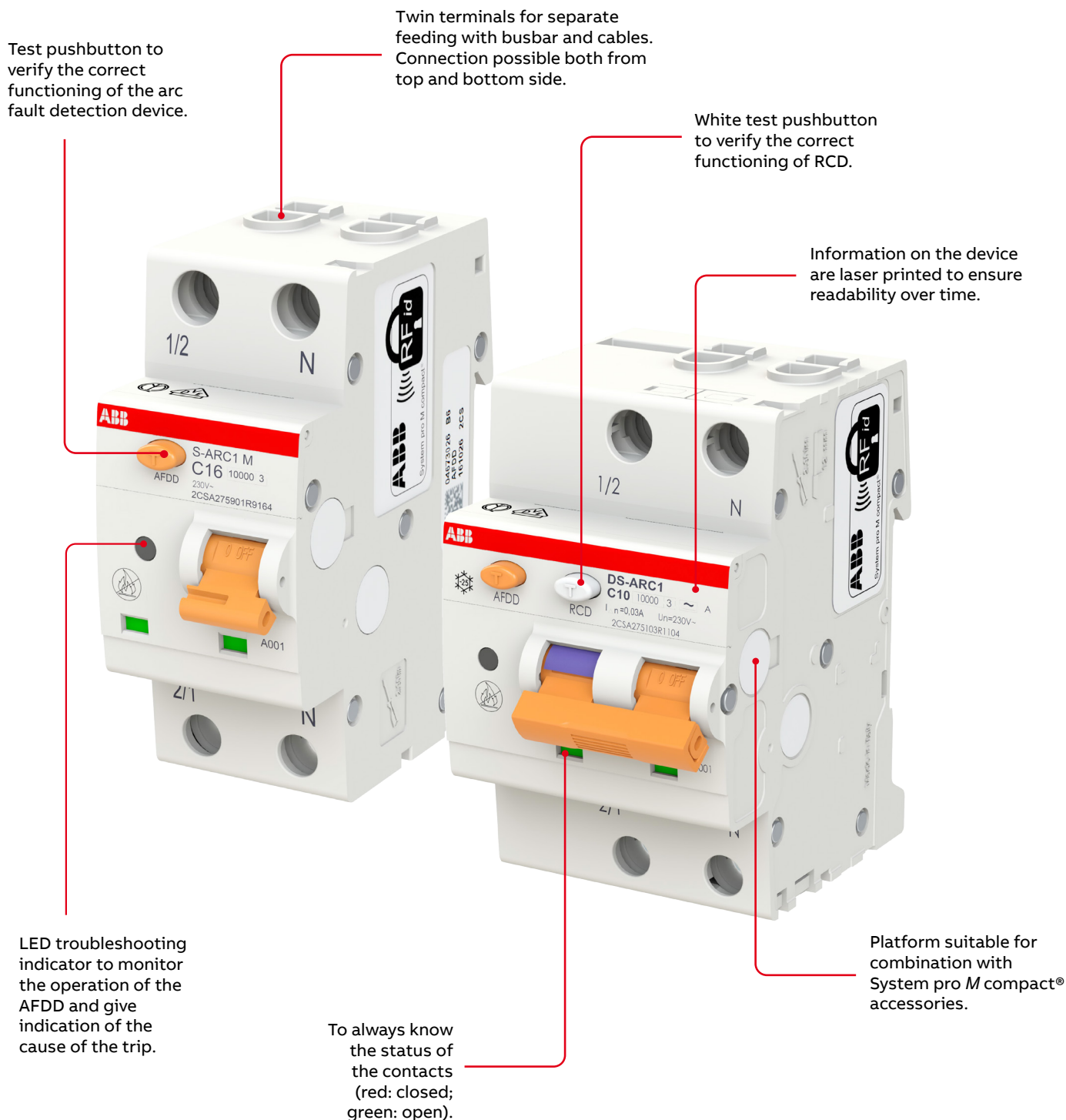


IΔn=30mA & In≥40A, IΔn=100/300mA
DSB204M 8 Module

AFDD

Arc Fault Detection Device

NEW

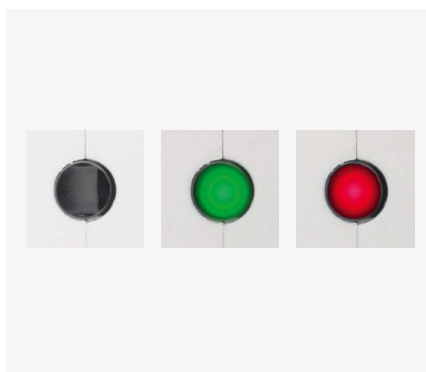




LED for easy troubleshooting

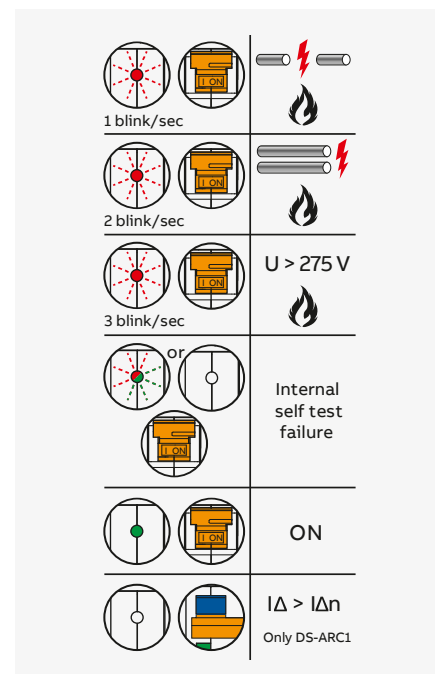
LED to monitor the correct working conditions of the device and have an easier troubleshooting in case of trip. Consequently the downtime for maintenance can be reduced.

- Toggle ON: GREEN LED
- Toggle OFF: LED OFF
- Different indications after the trip, after reclosing the toggle
- Possibility to recall in memory the last tripping due to arc fault and overvoltage



LED color	Blink/sec	Signalling duration	Cause of trip
Green		Permanent	Manual trip, manual test, overcurrent
Red blinking	1	5 sec	Series arc
Red blinking	2	5 sec	Parallel arc
Red blinking	3	5 sec	Over voltage

In case of internal self-test failure, the led can switch off or start blinking green/red alternatively.



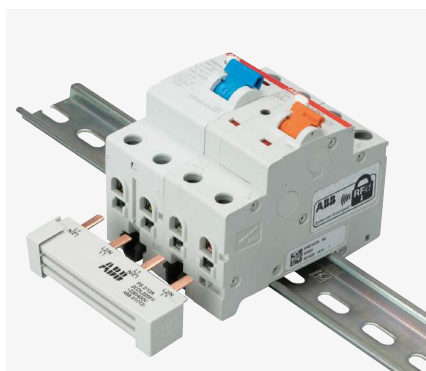
Dedicated sticker for LED

Dedicated sticker that summarizes the LED function is present in addition to the instructions sheet.



Double slot terminals

Fail-safe terminals to avoid improper connection. Two slots of different dimensions (25 mm² and 10 mm²) available to allow the connection both with cables and busbars. Connection possible both from top and bottom side. Standard System pro M compact® clip ensures a stable fixing on DIN-Rail and easy and fast mounting and dismantling operations.



Compatibility with busbars

A quick and easy installation is possible in one step using a standard ABB System pro M compact® busbar: no additional cables required for the wiring.



All information on the device

Main technical information are laser-printed on the front and left side of product to ensure long readability.



S-ARC1 M B



S-ARC1 M C

S-ARC1 M, B and C characteristics

Function: protection of end user single-phase circuits against short-circuit currents, overload, earth arc faults, parallel arc faults and series arc faults.

Application: residential, commercial

Standard: IEC 62606; EN 62606; IEC 60898-1; EN 60898-1

Icn = 6kA, 10kA

S-ARC1 M - B Characteristics 10kA

Number of poles	Current rating (A)	Bbn 8012542 EAN	Type code	Ordering code	Pack unit pc.	Unit L.P. (₹)
1P+N	6	374312	S-ARC1 M B6	2CSA275901R9065	1	Upon request
	10	342113	S-ARC1 M B10	2CSA275901R9105	1	
	13	342014	S-ARC1 M B13	2CSA275901R9135	1	
	16	342212	S-ARC1 M B16	2CSA275901R9165	1	
	20	341215	S-ARC1 M B20	2CSA275901R9205	1	
	25	341413	S-ARC1 M B25	2CSA275901R9255	1	
	32	341314	S-ARC1 M B32	2CSA275901R9325	1	
	40	339915	S-ARC1 M B40	2CSA275901R9405	1	

S-ARC1 M - C Characteristics 10kA

Number of poles	Current rating (A)	Bbn 8012542 EAN	Type code	Ordering code	Pack unit pc.	Unit L.P. (₹)
1P+N	6	339816	S-ARC1 M C6	2CSA275901R9064	1	Upon request
	10	339717	S-ARC1 M C10	2CSA275901R9104	1	
	13	339618	S-ARC1 M C13	2CSA275901R9134	1	
	16	340416	S-ARC1 M C16	2CSA275901R9164	1	
	20	340317	S-ARC1 M C20	2CSA275901R9204	1	
	25	340218	S-ARC1 M C25	2CSA275901R9254	1	
	32	340119	S-ARC1 M C32	2CSA275901R9324	1	
	40	340010	S-ARC1 M C40	2CSA275901R9404	1	

DS-ARC1 M, B and C characteristics

Function: protection of end user single-phase circuits against short-circuit currents, overload, earth arc faults, parallel arc faults, series arc faults, earth faults currents. (with $I\Delta n=30$ mA).

Application: residential, commercial

Standard: IEC/EN 62606; IEC/EN 61009-1; IEC/EN 61009-2-1

Icn = 6kA, 10kA

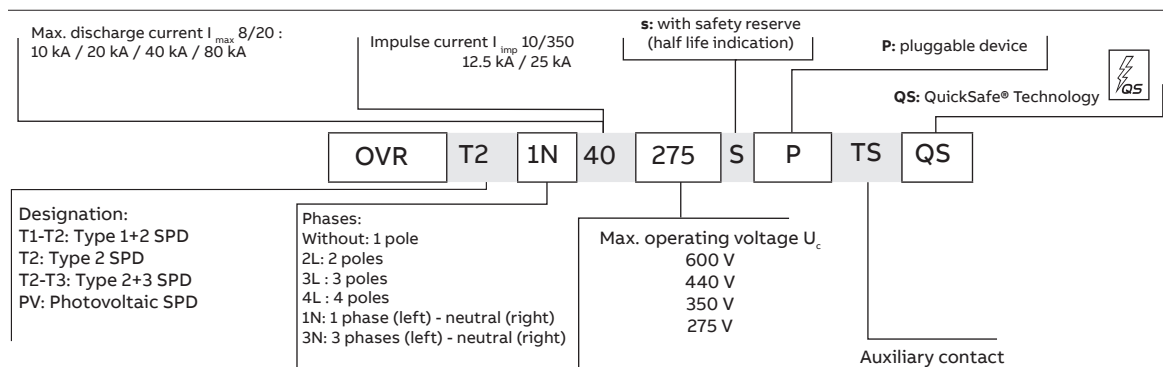
DS-ARC1 M - A type 10kA

Number of poles	Characteristics	Current rating (A)	Bbn 8012542 EAN	Type code	Ordering code	Pack unit pc.	Unit L.P. (₹)
1P+N	B	6	734710	DS-ARC1 M B6 A30	2CSA275103R1065	1	Upon request
		10	733812	DS-ARC1 M B10 A30	2CSA275103R1105	1	
		13	734611	DS-ARC1 M B13 A30	2CSA275103R1135	1	
		16	733713	DS-ARC1 M B16 A30	2CSA275103R1165	1	
		20	734512	DS-ARC1 M B20 A30	2CSA275103R1205	1	
1P+N	C	6	734314	DS-ARC1 M C6 A30	2CSA275103R1064	1	
		10	733416	DS-ARC1 M C10 A30	2CSA275103R1104	1	
		13	748113	DS-ARC1 M C13 A30	2CSA275103R1134	1	
		16	611011	DS-ARC1 M C16 A30	2CSA275103R1164	1	
		20	748014	DS-ARC1 M C20 A30	2CSA275103R1204	1	



DS-ARC1 M

Surge protection devices - OVR QuickSafe®



Type 1+2 - MOV + GDT or spark gap technology

Type 1+2 surge protective devices can be installed at the entrance in the main switch board for a global protection of the electrical installation.

Three pole + neutral (Pluggable)



OVR T1-T2

Description	Max. continuous operating voltage U_c (V)	"I imp in kA (10/350us wave)"	"I max in kA (8/20us wave)"	Pole	No. of modules	Ordering code	Unit L.P. (₹)
OVR T1-T2 3N 100-255 P TS	255	25	60	3+1	8	2CTB812111R2300	2,25,980
OVR T1-T2 3N 25-440s P QS	440	25	-	3+1	8	2TAM214100R4810	1,65,480
OVR T1-T2 3N 25-440s P QS TS	440	25	-	3+1	8	2TAM214100R4811	1,74,120
OVR T1-T2 3N 12.5-275s P QS	275	12.5	80	3+1	4	2CTB815710R1900 ■	39,810
OVR T1-T2 3N 12.5-275s P TS QS	275	12.5	80	3+1	4	2CTB815710R0700	45,800
OVR T1-T2 3N 12.5-440s P QS	440	12.5	80	3+1	4	2CTB815710R4800	47,780
OVR T1-T2 3N 12.5-440s P TS QS	440	12.5	80	3+1	4	2CTB815710R3600	54,930

Type 2 - Metal oxide varistor

Type 2 surge protective devices can be installed at the sub-distribution switch board for protection of electrical installation and equipment against indirect lightning and switching surges.

Single pole (Pluggable)



OVR Type 2

Description	Max. continuous operating voltage U_c (V)	I max in kA (8/20us wave)	No. of Modules	Ordering code	Unit L.P. (₹)
OVR T2 40-275 P QS	275	40	1	2CTB803871R2300 ■	6,730
OVR T2 40-275s P QS	275	40	1	2CTB815704R1200	10,000
OVR T2 40-275 P TS QS	275	40	1	2CTB803871R1700	8,590
OVR T2 40-440 P QS	440	40	1	2CTB803871R1200	6,880
OVR T2 40-440s P QS	440	40	1	2CTB815704R4100	9,480
OVR T2 80-275s P QS	275	80	1	2CTB815708R1200	10,300
OVR T2 80-275s P TS QS	275	80	1	2CTB815708R0000	12,690
OVR T2 80-440s P QS	440	80	1	2CTB815708R4100	9,330
OVR T2 80-440s P TS QS	440	80	1	2CTB815708R2900	11,700

Surge protection devices - OVR QuickSafe®



OVR Type 2

Single pole + neutral (Pluggable)

Description	Max. continuous operating voltage U _c (V)	I max in kA (8/20us wave)	No. of Modules	Ordering code	Unit L.P. (₹)
OVR T2 1N 40-275 P QS	275	40	2	2CTB803972R1100 ■	14,330
OVR T2 1N 40-275s P QS	275	40	2	2CTB815704R1400	18,080
OVR T2 1N 40-275 P TS QS	275	40	2	2CTB803972R0500	16,300
OVR T2 1N 40-275s P TS QS	275	40	2	2CTB815704R0200	19,800
OVR T2 1N 40-350 P QS	350	40	2	2CTB803982R1100	15,500
OVR T2 1N 40-350 P TS QS	350	40	2	2CTB803982R0500	17,600
OVR T2 1N 80-275s P QS	275	80	2	2CTB815708R1400	19,060
OVR T2 1N 80-275s P TS QS	275	80	2	2CTB815708R0200	21,020



OVR Type 2

Three pole + neutral (Pluggable)

Description	Max. continuous operating voltage U _c (V)	I max in kA (8/20us wave)	No. of modules	Ordering code	Unit L.P. (₹)
OVR T2 3N 40-275 P QS	275	40	4	2CTB803973R1100 ■	24,530
OVR T2 3N 40-275s P QS	275	40	4	2CTB815704R2000	34,950
OVR T2 3N 40-275 P TS QS	275	40	4	2CTB803973R0500	31,210
OVR T2 3N 40-275s P TS QS	275	40	4	2CTB815704R0800	40,960
OVR T2 3N 40-350 P QS	350	40	4	2CTB803983R1100	26,500
OVR T2 3N 40-350 P TS QS	350	40	4	2CTB803983R0500	39,750
OVR T2 3N 40-440 P QS	440	40	4	2CTB803973R1400	25,240
OVR T2 3N 40-440 P TS QS	440	40	4	2CTB803973R1500	31,600
OVR T2 3N 40-440s P TS QS	440	40	4	2CTB815704R3700	73,730
OVR T2 3N 80-275s P QS	275	80	4	2CTB815708R2000	36,540
OVR T2 3N 80-275s P TS QS	275	80	4	2CTB815708R0800	43,510
OVR T2 3N 80-440s P QS	440	80	4	2CTB815708R4900	31,880
OVR T2 3N 80-440s P TS QS	440	80	4	2CTB815708R3700	38,490



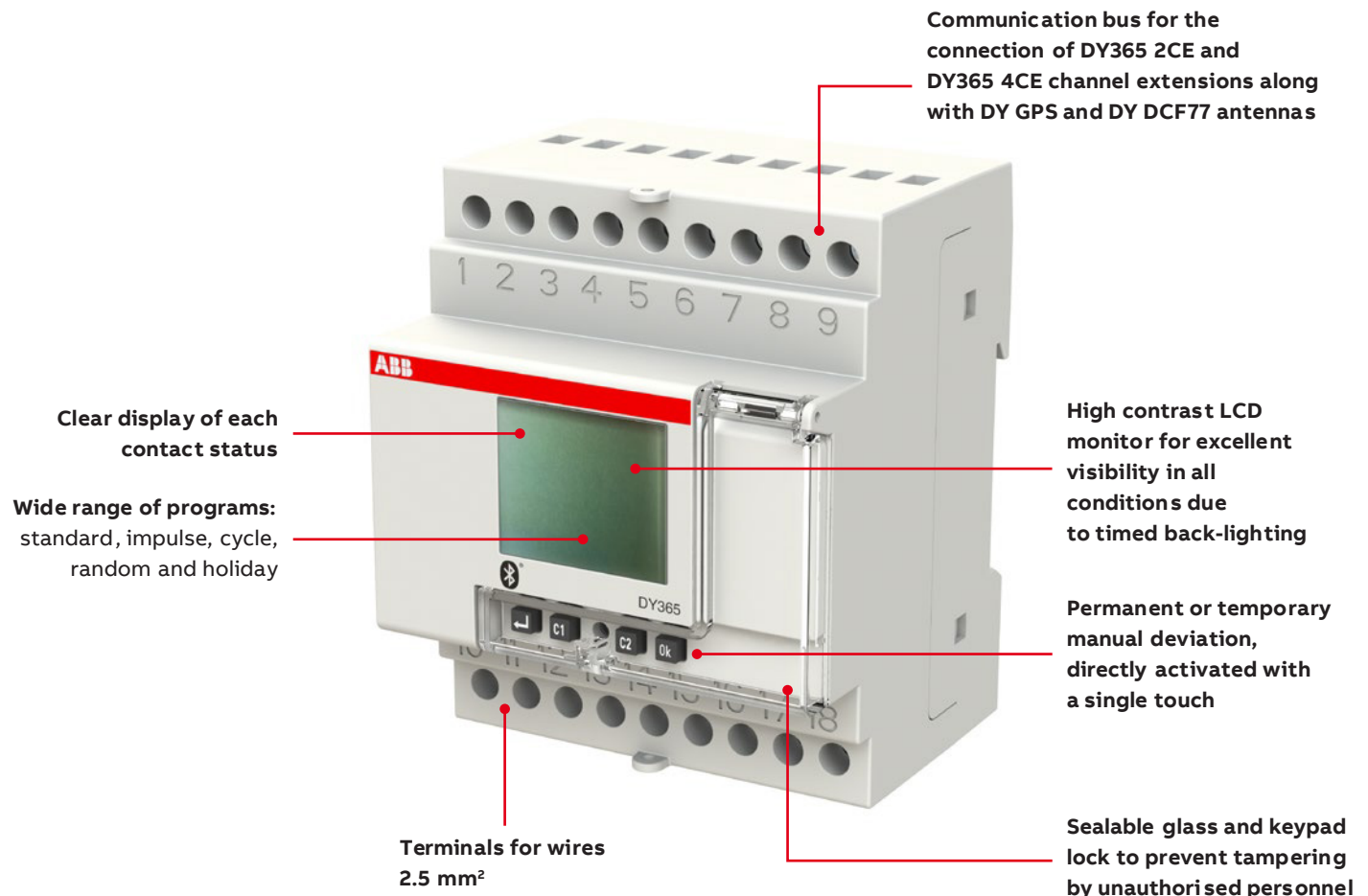
OVR SL

Surge arrester for data line protection (Pluggable)

Description	Max. continuous operating voltage U _c (V)	I max in kA (8/20us wave)	Width	Ordering code	Unit L.P. (₹)
OVR SL06	7.79 V	10 kA	7mm	7TCA085400R0360	Upon request
OVR SL15	16.7 V	10 kA	7mm	7TCA085400R0361	
OVR SL30	36.7 V	10 kA	7mm	7TCA085400R0363	
OVR SL50	56.7 V	10 kA	7mm	7TCA085400R0364	
OVR SLTN	296 V	10 kA	7mm	7TCA085400R0323	

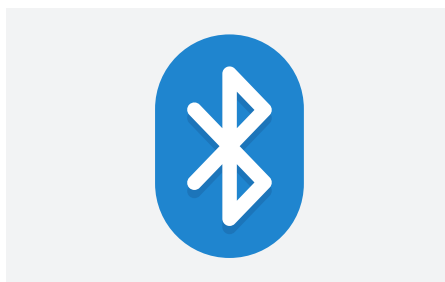
DBT Timer digital time switches

An ideal range for automating the functions of the installation



Wide range of programs: standard, impulse, cycle, random and holiday

- Permanent or temporary manual deviation, directly activated with a single touch
- LCD Display with back-lighting
- Up to 900 storable events
- Up to 400 pre-defined cities coordinates
- Accuracy of ± 0.5 seconds/24h
- Switching solar time/daylight saving time



Bluetooth communication combined with the DBT Timer App available for Android and iOS ensure smart configuration and quick visualization. This functionality also allows to transfer programs from one device to another simply using the Smartphone.



Time synchronization via DY DCF77 or DY GPS antennas. The DY DCF77 antenna receives scheduled messages transmitted by the atomic clock installed c/o Mainflingen (Germany), near Frankfurt. Thanks to this signal, the time switches are automatically set to: hour, date and proper daylight saving time. The DY GPS antenna receives time from the Global Positioning System, providing an accurate location and time information for an unlimited number of people in all weathers, day or night, anywhere in the world.

DBT Timer digital time switches

An ideal range for automating the functions of the installation



DW1

Digital weekly time switch - DW

DW1 and DW2 are weekly digital time switches with 1 and 2 channels, respectively. They allow exclusion of the normal weekly program in every week with the same mode.

Description	Ordering code	Unit L.P. (₹)
DW weekly digital time switches-DW1, 1 channel	2CSM222531R1000	15,690
DW weekly digital time switches-DW2, 2 channel	2CSM222521R1000	24,530



DWA1

Digital weekly astronomical time switch - DWA

The astronomical switches DWA1 and DWA2, respectively, with 1 and 2 channels, automatically control lighting circuits depending on the time of sunrise and sunset, greatly increasing energy efficiency. The programming is in fact based on a mathematical algorithm able to calculate the time of the rising and setting of the sun in a certain location for each day of the year. Once powered the device, simply insert date, time, geographical coordinates and time zone so that it is ready to work. These settings can also be automatically defined using the DBT Timer App. The installation of astronomical digital time switches is particularly useful when using a twilight switch with external sensor is not recommended because it may be subject to malfunctions caused by air pollution, excessive brightness or vandalism. DWA1 and DWA2 are also indicated for the control of public lighting, shop windows of shops, neon signs, monuments, facades, illuminated fountains.

Description	Ordering code	Unit L.P. (₹)
DWA twilight astronomical switches DWA-1, 1 channel	2CSM222511R1000	33,990
DWA twilight astronomical switches DWA-2, 2 channel	2CSM222501R1000	42,420



TL1

TL1 Pole

TL Line modular twilight switches

TL1 twilight switch allows to switch ON and switch OFF lighting devices according to a scheduled level of the ambient light. It is used in combination with an external sensor to detect if the ambient light is higher or lower than the set level. A switching delay prevents them from operating unnecessarily when the light intensity suddenly changes (e.g. lightning, moving vehicles, etc.). The TL1 twilight switch 1 channel is preset with a 10 LUX from factory and it is equipped with 2 signalling LEDs that indicate the setpoint value and display the status of the contact. The operating instructions are printed on the side of the product.

Description	Ordering code	Unit L.P. (₹)
TL1 modular twilight switches 1 channel with external sensor TL1	2CSM229921R1341	14,010
TL1 pole twilight switches, installation on the pole/wall TL1 Pole	2CSM229911R1341	13,020



AD1CO-15m

AG Timer electro-mechanical time switches

These analog timers are designed for installation on DIN-Rail. They control circuit opening and closing according to the scheduled program. Available both on daily and weekly versions and equipped with a 16 A contact. They can be set on the scheduled program or on the permanent ON-OFF function. The AD1NO-R-15m, AD1CO-R-15m, AW1CO-R-120m, AD1CO-R-30m, AW1CO-R-210m versions are equipped with a built-in battery, charged by the network voltage, which allows the devices to maintain the set time also in case of long (up to 150 h) power supply failures. The products fit applications such as control of lighting systems of shops or commercial buildings, heating and ventilation systems as well as control of automatic irrigation systems of private or external gardens.

Description	Ordering code	Unit L.P. (₹)
AD1CO Daily time switch, running reserve 1NO/1NC, AD1CO-R-15m	2CSM208151R1000 ■	6,880



E200

■ Stock items

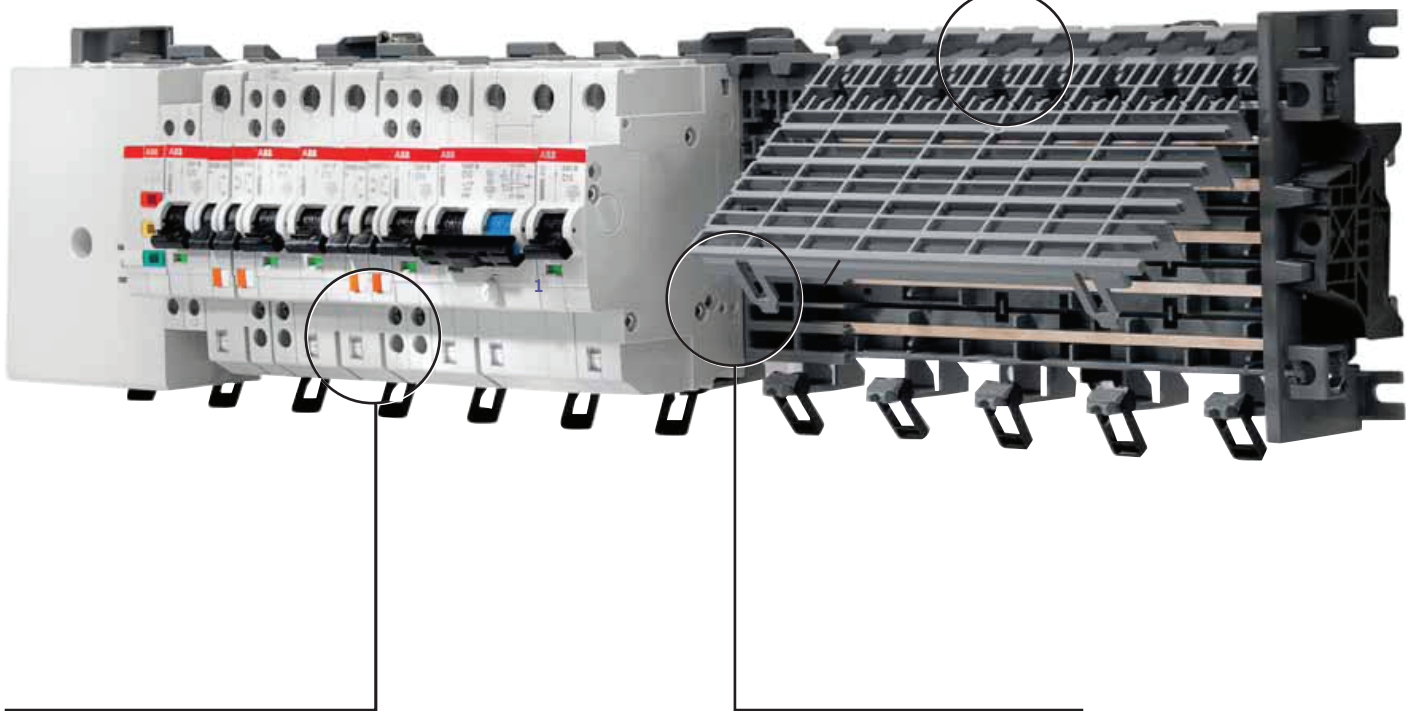
Control and automation components

Description	Ordering code	Unit 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	9,730
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.	2CDE110003R0511	12,640

SMISLINE TP plug-in system

Changes have never been easier

SMISLINE TP ensures that load-free devices and components can be snapped on and off under voltage without the need for additional personal protective equipment to guard against electrical hazards.

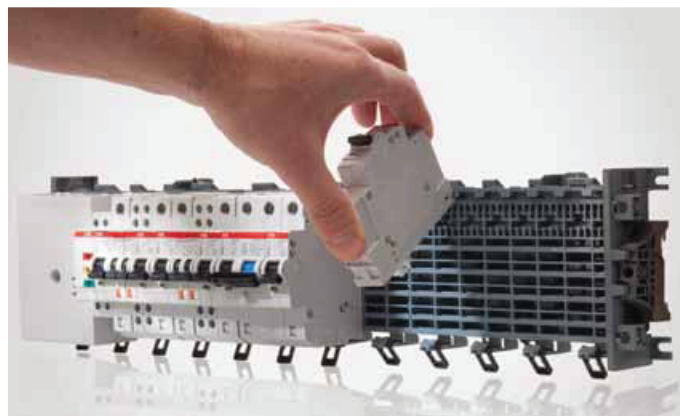


It opens up to completely new prospects for you when it comes to installation, operation and flexibility.

The world's first pluggable socket system.

SMISLINE TP plug-in system

Changes have never been easier



Even safer: protection against electrical hazards

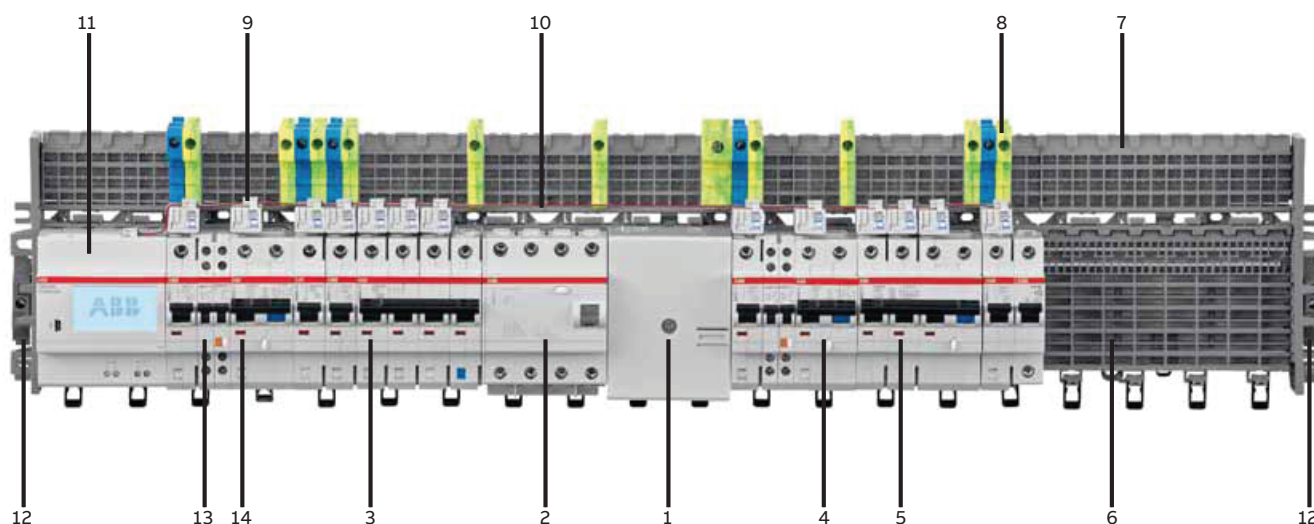
We have upgraded our unique SMISLINE socket system even further through the addition of a pioneering innovation. With the new SMISLINE TP system, components can now be plugged in or unplugged load-free without any risk from electrical current running through the body.

The SMISLINE TP pluggable socket system is completely fingersafe (IP2XB) – when devices are plugged in and unplugged, the system is always touch-proof. This means that SMISLINE TP prevents any danger to personnel from switching arcs or accidental arcing.

Even more flexible: make additions and changes during on-going operation

Pluggable devices can be added and changed quickly, safely and simply during on-going operation. And this can be done without any need for personal protective equipment.

This means that you benefit from more flexibility, savings on installation and maintenance – and improved safety. SMISLINE TP provides greater availability and operating safety than conventional systems.



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|------------------------------------|---|----------------------|
| 1 Supply terminal | 6 Socket IP20 | 11 Control unit CMS |
| 2 Surge arrester OVR404 | 7 Additional socket IP20 | 12 Socket end piece |
| 3 Miniature circuit breaker S403NP | 8 Terminals | 13 Auxiliary contact |
| 4 RCBO FS401 | 9 Sensor for current measurement system | 14 Signal contact |
| 5 RCBO FS403 | 10 Cabel Bus System CMS | |