



MCB (10kA)

Miniature Circuit Breaker

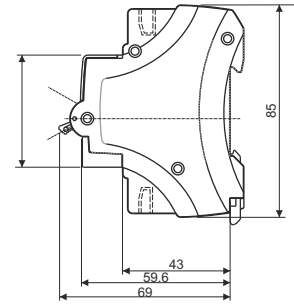


MCB is a vital protection device. It is essential in every electrical installation to safeguard both your life and valuable property against short circuit & overload.

- Unique “Patented Design” gives both Label Holder and True Contact Indication facility for individual poles
- Conforms to IS/IEC 60898
- Breaking capacity of 10kA throughout the range
- Available in B, C & D curve in SP, DP, TP & FP
SP, DP, TP & FP from 0.5A to 63A rating
- Low watt loss - almost 50% of the values prescribed by IS/IEC 60898
- Trip free mechanism
- Design based on advanced current limiting hammer trip mechanism
- No Line-Load bias
- Suitable for accessory fitment
- Suitable for DC application, as per IEC 60947-2
- Rated Voltage: 130V DC (for SP), 250V DC (for DP)*

Technical Specifications

Tripping characteristics	B (3 In-5 In), C (5 In-10 In), D (10 In-20 In)
Breaking capacity	10000A as per IS/IEC 60898
Voltage rating	240 / 415V AC
Energy limiting class	3
Terminal capacity	35 sq. mm
Degree of protection	IP20
Tropicalization	T2
Operating temp	-5°C to +55°C



Current Rating (In)	Modules	B-Curve Cat. Nos.	C-Curve Cat. Nos.	D-Curve Cat. Nos.
Single Pole (SP)				
0.5A	1	-	BB10E50C	BB10E50D
1A	1	-	BB10010C	BB10010D
2A	1	-	BB10020C	BB10020D
3A	1	-	BB10030C	BB10030D
4A	1	-	BB10040C	BB10040D
6A	1	BB10060B	BB10060C	BB10060D
10A	1	BB10100B	BB10100C	BB10100D
16A	1	BB10160B	BB10160C	BB10160D
20A	1	BB10200B	BB10200C	BB10200D
25A	1	BB10250B	BB10250C	BB10250D
32A	1	BB10320B	BB10320C	BB10320D
40A	1	BB10400B	BB10400C	BB10400D
50A	1	BB10500B	BB10500C	*
63A	1	BB10630B	BB10630C	*
Double Pole (DP)				
0.5A	2	-	BB20E50C	BB20E50D
1A	2	-	BB20010C	BB20010D
2A	2	-	BB20020C	BB20020D
3A	2	-	BB20030C	BB20030D
4A	2	-	BB20040C	BB20040D
6A	2	BB20060B	BB20060C	BB20060D
10A	2	BB20100B	BB20100C	BB20100D
16A	2	BB20160B	BB20160C	BB20160D
20A	2	BB20200B	BB20200C	BB20200D
25A	2	BB20250B	BB20250C	BB20250D
32A	2	BB20320B	BB20320C	BB20320D
40A	2	BB20400B	BB20400C	BB20400D
50A	2	BB20500B	BB20500C	*
63A	2	BB20630B	BB20630C	*



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

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Current Rating (In)	Modules	B-Curve Cat. Nos.
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Triple Pole (TP)

0.5A	3	-
1A	3	-
2A	3	-
3A	3	-
4A	3	-
6A	3	BB30060B
10A	3	BB30100B
16A	3	BB30160B
20A	3	BB30200B
25A	3	BB30250B
32A	3	BB30320B
40A	3	BB30400B
50A	3	BB30500B
63A	3	BB30630B

Four Pole (FP)

0.5A	4	-
1A	4	-
2A	4	-
3A	4	-
4A	4	-
6A	4	BB40060B
10A	4	BB40100B
16A	4	BB40160B
20A	4	BB40200B
25A	4	BB40250B
32A	4	BB40320B
40A	4	BB40400B
50A	4	BB40500B
63A	4	BB40630B

C-Curve Cat. Nos.

BB30E50C
BB30010C
BB30020C
BB30030C
BB30040C
BB30060C
BB30100C
BB30160C
BB30200C
BB30250C
BB30320C
BB30400C
BB30500C
BB30630C

D-Curve Cat. Nos.

BB30E50D
BB30010D
BB30020D
BB30030D
BB30040D
BB30060D
BB30100D
BB30160D
BB30200D
BB30250D
BB30320D
BB30400D
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* Contact nearest L&T branch office for its availability.