

Compact size and RoHS Compliant
Available up to 250A



MCCB (100AF,250AF)

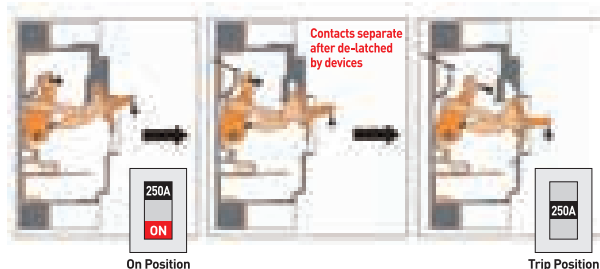
Construction & Features

- Multiple ways of protection is available

1. Over Current protection.
When current excess "Rated current", bimetal warps very slowly and finally kick the latch plate to trip.
2. Instantaneous protection.
When high current go between yokes, magnetic flow appears and they make yokes a magnet. Then yoke close and kick latch plate to trip within a cycle of AC current.

Safety Indication.

Always knob indicator shows position of contact.
In case of sticking contact, keep showing ON due to link between contact-arm and knob.



- Item Codification

| | No. of poles | Rated current | Frame identifier | Manufacturer | Ambient Temp. |
|-----|--------------|---|---|--------------------------|---------------|
| BBC | 3 | 60 | No mark | YH | 1 |
| | 3: TP | 60: 63A 100: 100A 125: 125A 200: 200A 250: 250A | No Mark: Highest frame of the rating 1: Second highest frame of the rating. 2: Third highest frame of the rating. | YH: Export from India | 1: 50°C |

MCCB Technical Information

• Standard Conformity

IEC60947-2

• Technical Data

| General | BC-100W | BC-250W |
|--|------------------------|------------------------|
| No. of poles | TP | TP |
| Rated current (In) | 63, 100A | 150, 200, 250A |
| Utilization category | A | A |
| Electrical parameters | | |
| Max. Rated Operational voltage (Ue) | AC 690V | AC 690V |
| Rated Insulation voltage (Ui) | 690V | 800V |
| Rated Impulse withstand voltage (Uimp) | 6kV | 8kV |
| Rated ultimate S.C. breaking capacity @AC 415 (Icu) | 10kA | 25kA |
| Service short circuit breaking capacity @AC 415V (Ics) | 5kA | 19kA |
| Mechanical/Electrical operations | 8500 / 1500 | 7000 / 1000 |
| Protection | | |
| Protection method | FIXED Thermal magnetic | FIXED Thermal magnetic |
| Dimensions | | |
| W × H × D (mm) | 75 × 130 × 68 | 105 × 165 × 68 |
| Special feature | | |
| Line load reversibility | Yes | Yes |
| Calibration temperature | 50°C | 50°C |

Dimensions

HL: Handle Frame Centre Line CL: Handle Centre Line

