



MSN263R

MCB 2P 6kA C-63A 2M

Technical properties

Electric current

| | |
|-----------------------|--------|
| Rated current | 63 A |
| Rated current -15°C | 80,2 A |
| Rated current -10°C | 78,7 A |
| Rated current -5°C | 76,6 A |
| Rated current at 0°C | 74,8 A |
| Rated current 5°C | 72,9 A |
| Rated current 10°C | 71,1 A |
| Rated current 15°C | 69,3 A |
| Rated current at 20°C | 67,4 A |
| Rated current 25°C | 65,6 A |
| Rated current 30°C | 63 A |
| Rated current 35°C | 62 A |
| Rated current at 40°C | 60,1 A |
| Rated current at 45°C | 58,3 A |
| Rated current at 50°C | 57 A |
| Rated current 55°C | 54,7 A |
| Rated current 60°C | 52,8 A |
| Rated current 65°C | 51 A |
| Rated current 70°C | 49,2 A |

Architecture

| | |
|--------------|----|
| Type of pole | 2P |
| Curve | C |

Capacity

| | |
|-------------------|---|
| Number of modules | 2 |
|-------------------|---|

Main electrical attributes

| | |
|---|----------------|
| Rated short-circuit breaking capacity I _{cn} AC according to IEC 60898-1 | 6 kA |
| Nominal tightening torque top terminal | 2,80 - 2,80 Nm |
| Nominal tightening torque down terminal | 2,80 - 2,80 Nm |

Voltage

| | |
|--|-------------|
| Rated operational voltage U _e | 415 - 415 V |
| Type voltage supply | AC |
| Rated insulation voltage U _i | 500 V |
| Rated impulse withstand voltage U _{imp} | 4000 V |

| | |
|--|------------------------|
| Frequency | |
| Frequency | 50 - 60 Hz |
| Connection | |
| Cross-section of input and output with screws, for massive conductors | 1 - 35 mm ² |
| Cross-section of input and output with screws, for flexible conductors | 1 - 25 mm ² |
| Cross-section of input with screws, for flexible conductors | 1 - 25 mm ² |
| Cross-section of input with screws, for massive conductors | 1 - 35 mm ² |
| Cross-section flexible conductor | 1 - 25 mm ² |
| Cross-section rigid conductor | 1 - 35 mm ² |
| Installation, mounting | |
| Nominal tightening torque | 2,80 - 2,80 Nm |
| Type of bottom connection for modular devices | biconnect |
| Type of top connection for modular devices | Screw terminal |
| 360° mounting position possible | Yes |
| Safety | |
| Ingress Protection (IP) class | IP20 |
| Use conditions | |
| Degree of pollution according to IEC 60664 / IEC 60947-2 | 2 |
| Class of energy limitation I ² t | 3 |
| Air humidity protection | For all climates |
| Operating temperature | -25 - 70 °C |
| Power | |
| Total power loss under IN | 11,40 W |
| Connectivity | |
| Type of connection | Screw terminal |
| Top connection alignment for modular devices | Aligned terminal |
| Down connection alignment for modular devices | Aligned terminal |
| Dimensions | |
| Height | 83 mm |
| Width | 35 mm |
| Depth | 70 mm |