



NDN263A

MCB 2P 10kA/15kA D-63A 2M

Technical characteristics

Electric current

| | |
|------------------------|---------|
| Rated current | 63 A |
| Rated current -25°C | 81.04 A |
| Rated current at -20°C | 79.57 A |
| Rated current -15°C | 78.07 A |
| Rated current -10°C | 76.54 A |
| Rated current -5°C | 75.05 A |
| Rated current at 0°C | 73.54 A |
| Rated current 5°C | 72.03 A |
| Rated current 10°C | 70.52 A |
| Rated current 15°C | 69 A |
| Rated current at 20°C | 67.47 A |
| Rated current 25°C | 65.95 A |
| Rated current 30°C | 63 A |
| Rated current 35°C | 62.03 A |
| Rated current at 40°C | 60.50 A |
| Rated current at 45°C | 58.68 A |
| Rated current at 50°C | 58.27 A |
| Rated current 55°C | 52.80 A |
| Rated current 60°C | 50.51 A |
| Rated current 65°C | 48.12 A |
| Rated current 70°C | 45.60 A |

Architecture

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

Capacity

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

Main electrical attributes

| | |
|--|----------------|
| Rated short-circuit breaking capacity I_{cn} AC according to IEC 60898-1 | 10 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 | 400 - 400 V |
| Type voltage supply | AC |

| | |
|--|------------------|
| Rated insulation voltage Ui | 500 V |
| Rated impulse withstand voltage Uimp | 6,000 V |
| Frequency | |
| Frequency | 50 - 60 Hz |
| Connection | |
| Cross-section of input and output with screws, for massive conductors | 1 - 35 mm² |
| Cross-section of input and output with screws, for flexible conductors | 1 - 25 mm² |
| Cross-section of input with screws, for flexible conductors | 1 - 25 mm² |
| Cross-section of input with screws, for massive conductors | 1 - 35 mm² |
| 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 |
| Operating temperature | -25 - 70 °C |
| Power | |
| Total power loss under IN | 13.10 W |
| Endurance | |
| Electric endurance in number of cycles | 4,000 |
| Number of mechanical operations | 20,000 |
| 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 |