



MSN263R

MCB 2P 6kA C-63A 2M

Technical characteristics

Architecture

| | |
|------------------|-------------------------------|
| Neutral position | without neutral |
| Number of poles | 2 P |
| Type of pole | 2 P |
| Fixing mode | DIN rail type O (symmetrical) |
| Curve | C |

Functions

Concurrently switching N-neutral

Configuration

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

Connectivity

| | |
|---|------------------|
| Top connection alignment for modular devices | Aligned terminal |
| Bottom connection alignment for modular devices | Aligned terminal |

Main electrical features

| | |
|---------------------------------|-------|
| Rated operational voltage U_e | 415 V |
| Type of supply voltage | AC |

Voltage

| | |
|---------------------------------|--------|
| Rated insulation voltage | 500 V |
| Max operating voltage | 415 V |
| Rated impulse withstand voltage | 4000 V |

Electric current

| | |
|--|-------------------|
| Rated current | 63 A |
| Rated service breaking capacity I_{cs} AC according IEC 60898-1 | 6 kA |
| min/maxi threshold value of the AC thermal operation | 1,13 / 1,45 I_n |
| Magnetic regulating current | 5 / 10 I_n |
| Rated short circuit breaking capacity I_{cn} under 415V AC according IEC 60898-1 | 6 kA |

Electric current / temperature

| | |
|----------------------|---------|
| Rating current -25°C | 83,89 A |
| Rating current -20°C | 82,07 A |
| Rating current -15°C | 80,24 A |
| Rating current -10°C | 78,67 A |
| Rating current -5°C | 76,58 A |
| Rating current 0°C | 74,75 A |
| Rating current 30°C | 63 A |

| | |
|--|------------------------|
| Rating current 35°C | 61,96 A |
| Rating current 40°C | 60,13 A |
| Rating current 45°C | 58,3 A |
| Rating current 50°C | 57 A |
| Rating current 55°C | 54,65 A |
| Rating current 60°C | 52,82 A |
| Rating current 65°C | 50,99 A |
| Rating current 70°C | 49,16 A |
| Current correction factors | |
| Correction factor of rating current for 2 devices placed side-by-side | 1 |
| Correction factor of rating current for 3 devices placed side-by-side | 0,95 |
| Correction factor of rating current for 4 and 5 devices placed side-by-side | 0,9 |
| Correction factor of rating current for 6 devices placed side-by-side | 0,85 |
| Dimensions | |
| Depth of installed product | 70 mm |
| Height of installed product | 83 mm |
| Width of installed product | 35 mm |
| Frequency | |
| Frequency | 50 to 60 Hz |
| Power | |
| Maximum power loss per pole according to the product standard | 13 W |
| Total power loss under IN | 11,4 W |
| Power loss per pole at In | 5,86 W |
| Endurance | |
| Electric endurance in number of cycles | 4000 |
| Number of mechanical operations | 20000 |
| Installation, mounting | |
| Type of top connection for modular devices | with screw |
| Tightening torque | 2,8Nm |
| Type of bottom rail clip for modular devices | plastic |
| Type of Bottom Connection for modular devices | Blconnect |
| Top removability for modular devices | |
| Bottom removability for modular devices | |
| Connection | |
| Connection cross-section at output with screw, for flexible conductor | 1 / 25 mm ² |
| Connection cross-section at output with screw, for massive conductor | 1 / 35 mm ² |
| Connection cross-section for rigid conductor, upstream terminals with screws | 1 / 35 mm ² |
| Connection cross-section of the access with screws, with flexible conductor | 1 / 25 mm ² |
| Downstream cage clamp delivery status | opened |
| Upstream cage clamp delivery status | opened |
| Equipment | |

Subject to technical modifications

Can be accessorized

With transparent product label holder

Standards

Standard text IEC 60898-1
AS/NZS 60898-1

European directive WEEE not concerned

Safety

Protection index IP IP20

Use conditions

Operating temperature -25...70 °C

Degree of pollution according to IEC 60664 /
IEC 60947-2 2

Class of energy limitation I²t 3

Altitude 2000 m

Storage/transport temperature -25...80 °C

temperatur

Temperature of calibration 30 °C
