



ARM910U

MCB with dangerous arc detection 1M 10A B curve 6kA

Technical characteristics

Electric current

| | |
|------------------------|---------|
| Rated current | 10 A |
| Rated current -25°C | 12.30 A |
| Rated current at -20°C | 12.10 A |
| Rated current -15°C | 11.90 A |
| Rated current -10°C | 11.70 A |
| Rated current -5°C | 11.50 A |
| Rated current at 0°C | 11.30 A |
| Rated current 5°C | 11.10 A |
| Rated current 10°C | 10.80 A |
| Rated current 15°C | 10.60 A |
| Rated current at 20°C | 10.40 A |
| Rated current 25°C | 10.20 A |
| Rated current 30°C | 10 A |
| Rated current 35°C | 9.80 A |
| Rated current at 40°C | 9.60 A |
| Rated current at 45°C | 9.40 A |
| Rated current at 50°C | 9.20 A |
| Rated current 55°C | 9 A |
| Rated current 60°C | 8.70 A |

Architecture

| | |
|--------------|------|
| Curve | B |
| Type of pole | 1P+N |

Main electrical attributes

| | |
|---|----------------|
| Rated short-circuit breaking capacity I _{cn} AC according to IEC 60898-1 | 6 kA |
| Nominal tightening torque top terminal | 2.40 - 2.40 Nm |
| Nominal tightening torque down terminal | 3.50 - 3.50 Nm |

Voltage

| | |
|--|---------|
| Rated insulation voltage U _i | 400 V |
| Rated impulse withstand voltage U _{imp} | 4,000 V |

Power

| | |
|---------------------------------------|--------|
| Total power loss under I _N | 3.15 W |
|---------------------------------------|--------|

Use conditions

| | |
|---|---|
| Class of energy limitation I ² t | 3 |
|---|---|

| | |
|---|----------------|
| Operating temperature | -25 - 70 °C |
| Storage/transport temperature | -25 - 80 °C |
| Endurance | |
| Number of mechanical operations | 8,000 |
| Electric endurance in number of cycles | 2,000 |
| Installation, mounting | |
| Type of bottom connection for modular devices | biconnect |
| Type of top connection for modular devices | Screw terminal |
| Capacity | |
| Number of modules | 1 |
| Dimensions | |
| Height | 125 mm |
| Width | 17.50 mm |
| Depth | 70 mm |