



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 <sub>cn</sub> 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 <sub>i</sub>	400 V
Rated impulse withstand voltage U <sub>imp</sub>	4,000 V

**Power**

Total power loss under I <sub>N</sub>	3.15 W
---------------------------------------	--------

**Use conditions**

Class of energy limitation I <sup>2</sup> 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