



ARM920U

**MCB with dangerous arc detection 1M 20A B curve 6kA**

**Technical characteristics**

**Electric current**

Rated current	20 A
Rated current -25°C	25.50 A
Rated current at -20°C	25 A
Rated current -15°C	24.50 A
Rated current -10°C	24 A
Rated current -5°C	23.50 A
Rated current at 0°C	23 A
Rated current 5°C	22.50 A
Rated current 10°C	22 A
Rated current 15°C	21.50 A
Rated current at 20°C	21 A
Rated current 25°C	20.50 A
Rated current 30°C	20 A
Rated current 35°C	19.60 A
Rated current at 40°C	19.20 A
Rated current at 45°C	18.80 A
Rated current at 50°C	18.40 A
Rated current 55°C	18 A
Rated current 60°C	17.60 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>	4.88 W
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**Use conditions**

Class of energy limitation I <sup>2</sup> t	3
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Operating temperature	-25 - 70 °C
Storage/transport temperature	-25 - 80 °C
<b>Endurance</b>	
Number of mechanical operations	8,000
Electric endurance in number of cycles	2,000
<b>Installation, mounting</b>	
Type of bottom connection for modular devices	biconnect
Type of top connection for modular devices	Screw terminal
<b>Capacity</b>	
Number of modules	1
<b>Dimensions</b>	
Height	125 mm
Width	17.50 mm
Depth	70 mm