



ARC516U

MCB with dangerous arc detection 1P+N 10kA B-16A 2M

Technical Features

Electric current

Rated current	16 A
Rated current -25°C	18.53 A
Rated current at -20°C	18.31 A
Rated current -15°C	18.10 A
Rated current -10°C	17.88 A
Rated current -5°C	17.65 A
Rated current at 0°C	17.43 A
Rated current 5°C	17.20 A
Rated current 10°C	16.97 A
Rated current 15°C	16.73 A
Rated current at 20°C	16.49 A
Rated current 25°C	16.25 A
Rated current 30°C	16 A
Rated current 35°C	15.80 A
Rated current at 40°C	15.61 A
Rated current at 45°C	15.41 A
Rated current at 50°C	15.20 A
Rated current 55°C	15 A
Rated current 60°C	14.79 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	10 kA
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Installation, mounting

Nominal tightening torque top terminal	2 - 2 Nm
Nominal tightening torque down terminal	2 - 2 Nm

Voltage

Rated insulation voltage U _i	500 V
Rated impulse withstand voltage U _{imp}	4000 V
Rated operational voltage U _e	230 - 230 V

Power

Total power loss under I _N	5.22 W
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Use conditions

Class of energy limitation I ² t	3
Operating temperature	-25 - 60 °C
Storage/transport temperature	-40 - 70 °C

Endurance

Number of mechanical operations	4000
Electric endurance in number of cycles	2000

Installation, mounting

Nominal tightening torque	2 - 2 Nm
Type of bottom connection for modular devices	biconnect
Type of top connection for modular devices	Screw terminal

Capacity

Number of modules	2
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Dimensions

Height	85 mm
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Dimensions

Width	35.50 mm
Depth	70 mm

Frequency

Frequency	50 - 50 Hz
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Sustainability

RoHS conform	Yes
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