



ARC590U

MCB with dangerous arc detection 1P+N 10kA C-40A 2M

Technical characteristics

Architecture

Neutral position	right
Number of poles	2 P
Type of pole	1P+N
Curve	C

Main electrical features

Rated operational voltage U _e	230 V
Type of supply voltage	AC

Voltage

Rated insulation voltage	500 V
Max operating voltage	253 V
Rated impulse withstand voltage	4 kV

Electric current

Rated service breaking capacity I _{cs} AC according IEC 60898-1	7.5 kA
Rated short circuit breaking capacity I _{cn} under 230V AC according IEC60898-1	10 kA

Electric current / temperature

Rating current 30°C	40 A
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Dimensions

Depth of installed product	70 mm
Height of installed product	85 mm
Width of installed product	35.5 mm

Power

Total power loss under I _N	11.98 W
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Endurance

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

Installation, mounting

Tightening torque	2Nm
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Accessories included

Type of accessory	AFDD
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Equipment

Quick connect	no
Can be accessorized	Yes

Standards

Standard text	EN 62606 ; IEC 60898-1
European directive WEEE	concerned

Safety

Protection index IP	IP20
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Use conditions

Operating temperature	-25...60 °C
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