



### Main

Device application	Distribution
Range	Easy9
Product or component type	Miniature circuit-breaker
Device short name	Easy9 MCB
Poles	1P
Number of protected poles	1
[In] rated current	16 A
Network type	AC
Trip unit technology	Thermal-magnetic
Curve code	C
Breaking capacity	6000 A Icn at 230 V AC 50/60 Hz phase to neutral conforming to BS EN 60898-1 6000 A Icn at 400 V AC 50/60 Hz phase to phase conforming to BS EN 60898-1
Suitability for isolation	Yes conforming to BS EN 60898-1

### Complementary

Network frequency	50/60 Hz
[Ue] rated operational voltage	230 V AC 50/60 Hz
Magnetic tripping limit	5...10 x In
[Ics] rated service breaking capacity	6 kA 100 % x Icn at 230 V AC 50/60 Hz conforming to BS EN 60898-1
Limitation class	3 conforming to BS EN 60898-1
[Ui] rated insulation voltage	500 V AC 50/60 Hz conforming to BS EN 60898-1
[Uimp] rated impulse withstand voltage	4 kV conforming to BS EN 60898-1
Contact position indicator	Yes
Control type	Toggle
Local signalling	Without
Mounting mode	Clip-on
Mounting support	DIN rail
9 mm pitches	2
Height	82 mm
Width	18 mm
Depth	72 mm
Net weight	100 g
Colour	Grey (RAL 7035)
Mechanical durability	10000 cycles
Electrical durability	4000 cycles
Connections - terminals	Tunnel type terminal (top or bottom) 1...25 mm <sup>2</sup> rigid Tunnel type terminal (top or bottom) 1...16 mm <sup>2</sup> flexible
Tightening torque	2 N.m top or bottom
Earth-leakage protection	Without

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## Environment

Standards	BS EN 60898-1
Product certifications	CE
IP degree of protection	IP20 conforming to IEC 60529
Pollution degree	2
Tropicalisation	2
Relative humidity	95 % at 55 °C
Ambient air temperature for operation	-5...60 °C
Ambient air temperature for storage	-40...85 °C

## Offer Sustainability

Sustainable offer status	Green Premium product
REACH Regulation	<a href="#">REACH Declaration</a>
REACH free of SVHC	Yes
EU RoHS Directive	Compliant <a href="#">EU RoHS Declaration</a>
Toxic heavy metal free	Yes
Mercury free	Yes
RoHS exemption information	<a href="#">Yes</a>
China RoHS Regulation	<a href="#">China RoHS Declaration</a>
Environmental Disclosure	<a href="#">Product Environmental Profile</a>
WEEE	The product must be disposed on European Union markets following specific waste collection and never end up in rubbish bins