



## Main

Device application	Distribution
Range	Easy9
Product or component type	Miniature circuit-breaker
Device short name	Easy9 MCB
Poles description	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 conforming to BS EN 60898-1 - 230 V AC 50/60 Hz phase to neutral 6000 A Icn conforming to BS EN 60898-1 - 400 V AC 50/60 Hz phase to phase
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 Icu conforming to BS EN 60898-1 - 230 V AC 50/60 Hz
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
Product weight	100 g
Colour	Grey RAL 7035
Mechanical durability	10000 cycles
Electrical durability	4000 cycles
Connections - terminals	Tunnel type terminal, top or bottom rigid wire(s) 1...25 mm <sup>2</sup> max Tunnel type terminal, top or bottom flexible wire(s) 1...16 mm <sup>2</sup> max
Tightening torque	2 N.m top or bottom
Earth-leakage protection	Without

## Environment

standards	BS EN 60898-1
product certifications	CE
IP degree of protection	IP20 conforming to IEC 60529

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pollution degree	2
tropicalisation	2
relative humidity	95 % ( 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
RoHS (date code: YYWW)	Compliant - since 1242 - Schneider Electric declaration of conformity
REACH	Reference not containing SVHC above the threshold
Product environmental profile	Available
Product end of life instructions	Need no specific recycling operations