



## Main

Device application	Distribution
Range	Easy9
Product or component type	Miniature circuit-breaker
Device short name	Easy9 MCB
Poles	2P
Number of protected poles	2
[In] rated current	50 A
Network type	AC
Trip unit technology	Thermal-magnetic
Curve code	C
Breaking capacity	4500 A Icn conforming to IEC 60898-1 - 230 V AC 50/60 Hz 4500 A Icn conforming to IEC 60898-1 - 400 V AC 50/60 Hz
Suitability for isolation	Yes conforming to IEC 60898-1

## Complementary

Network frequency	50/60 Hz
[Ue] rated operational voltage	400 V AC 50/60 Hz
Magnetic tripping limit	5...10 x In
[Ics] rated service breaking capacity	4.5 kA 100 % x Icn at 230 V AC 50/60 Hz conforming to IEC 60898-1
[Ui] rated insulation voltage	500 V AC 50/60 Hz conforming to IEC 60898-1
[Uimp] rated impulse withstand voltage	4 kV conforming to IEC 60898-1
Contact position indicator	Yes
Control type	Toggle
Local signalling	Without
Mounting mode	Clip-on
Mounting support	DIN rail
9 mm pitches	4

Disclaimer: This documentation is not intended as a substitute for and is not to be used for determining suitability or reliability of these products for specific user applications

Height	81 mm
Width	36 mm
Depth	66.5 mm
Colour	Grey RAL 7035
Mechanical durability	10000 cycles
Electrical durability	4000 cycles
Connections - terminals	Tunnel type terminal, top or bottom rigid wire(s) 1...35 mm <sup>2</sup> max Tunnel type terminal, top or bottom flexible wire(s) 1...25 mm <sup>2</sup> max
Tightening torque	3.5 N.m top or bottom
Earth-leakage protection	Without

## Environment

Standards	IEC 60898-1
Product certifications	GOST-R
Pollution degree	2
Tropicalisation	2
Relative humidity	95 % ( -25...60 °C )
Ambient air temperature for operation	-25...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 <a href="#">Schneider Electric declaration of conformity</a>
REACH	Reference not containing SVHC above the threshold <a href="#">Reference not containing SVHC above the threshold</a>
Product environmental profile	Available
Product end of life instructions	Need no specific recycling operations