



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	50 A
Network type	AC
Trip unit technology	Thermal-magnetic
Curve code	B
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	3...5 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...35 mm ² max Tunnel type terminal, top or bottom flexible wire(s) 1...25 mm ² max
Tightening torque	3.5 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
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  Schneider Electric declaration of conformity
REACH	Reference not containing SVHC above the threshold Reference not containing SVHC above the threshold
Product environmental profile	Available
Product end of life instructions	Need no specific recycling operations