

Product datasheet

Specifications



Resi9 - miniature circuit-breaker - 1P - 50 A - B Curve - 230 V - 6000 A

Local distributor code: 397838095 R9F87150

Main

Range	Resi9
Product name	Resi9 MCB
Product or component type	Miniature circuit-breaker
Device application	Distribution
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 at 230 V AC 50/60 Hz conforming to EN/IEC 60898-1 6000 A Icn at 230 V AC 50/60 Hz conforming to BS EN 60898-1
Standards	BS EN 60898-1
Product certifications	CE

Complementary

Network frequency	50/60 Hz
[Ue] rated operational voltage	230 V AC 50/60 Hz
Magnetic tripping limit	3...5 x In
Limitation class	3 conforming to BS EN 60898-1
[Ui] rated insulation voltage	500 V
[Uimp] rated impulse withstand voltage	4 kV
Control type	Toggle
Local signalling	ON/OFF indication
Mounting mode	Plug-in
Mounting support	Socket
Comb busbar and distribution block compatibility	Top: KQ
9 mm pitches	2

Height	96 mm
Width	18 mm
Depth	78 mm
Embedding depth	44 mm
Net weight	0.23 kg
Colour	White
Mechanical durability	20000 cycles
Electrical durability	20000 cycles AC 50/60 Hz conforming to BS EN 60898-1
Locking options description	Padlock in OFF position
Connections - terminals	Tunnel type terminals (bottom) - <= 1 x 35 mm² - rigid Tunnel type terminals (bottom) - <= 1 x 25 mm² - flexible with ferrule
Wire stripping length	14 mm for bottom connection
Tightening torque	3.5 N.m bottom
Earth-leakage protection	Without

Environment

IP degree of protection	IP20 conforming to BS EN 60529
Pollution degree	2
Overvoltage category	III
Relative humidity	95 % at 55 °C
Ambient air temperature for operation	-25...40 °C
Ambient air temperature for storage	-40...80 °C

Packing Units

Unit Type of Package 1	PCE
Number of Units in Package 1	1
Package 1 Weight	136.0 g
Package 1 Height	1.8 cm
Package 1 width	8.4 cm
Package 1 Length	9.6 cm
Unit Type of Package 2	BB1
Number of Units in Package 2	12
Package 2 Weight	1.71 kg
Package 2 Height	9.5 cm
Package 2 width	10 cm
Package 2 Length	23.5 cm

Offer Sustainability

Sustainable offer status	Green Premium product
REACH Regulation	REACH Declaration
REACH free of SVHC	Yes
EU RoHS Directive	Compliant EU RoHS Declaration

Mercury free	Yes
RoHS exemption information	Yes
China RoHS Regulation	China RoHS declaration Product out of China RoHS scope. Substance declaration for your information
Environmental Disclosure	Product Environmental Profile
WEEE	The product must be disposed on European Union markets following specific waste collection and never end up in rubbish bins
Halogen content performance	Halogen free product
Contractual warranty	
Warranty	18 months