

Product data sheet

Specifications



Miniature circuit breaker (MCB), Resi9, 3P, 25A, C curve, 3000A (IEC/EN 60898-1)

R9F64325

Main

Range	Resi9
Product name	Resi9 MCB
Product or component type	Miniature circuit-breaker
Device application	Distribution
Poles description	3P
Number of protected poles	3
[In] rated current	25 A at 30 °C
Network type	AC
Trip unit technology	Thermal-magnetic
Curve code	C
Breaking capacity	3000 A Icn at 400 V AC 50/60 Hz conforming to EN/IEC 60898-1
Standards	EN/IEC 60898-1
Product certifications	CEBEC

Complementary

Network frequency	50/60 Hz
[Ue] rated operational voltage	400 V AC 50/60 Hz
Magnetic tripping limit	5...10 x In
Limitation class	3 conforming to EN/IEC 60898-1
[Ui] rated insulation voltage	440 V AC 50/60 Hz
[Uimp] rated impulse withstand voltage	4 kV
Control type	Toggle
Local signalling	ON/OFF indication
Mounting mode	Clip-on
Mounting support	DIN rail
Comb busbar and distribution block compatibility	Bottom: biconnect
9 mm pitches	6
Height	85 mm

Width	54 mm
Depth	75 mm
Embedding depth	44 mm
Net weight	0.328 kg
Colour	White
Mechanical durability	20000 cycles
Electrical durability	10000 cycles AC 50/60 Hz conforming to EN/IEC 60898-1
Locking options description	Padlock in OFF position
Connections - terminals	Tunnel type terminals (bottom) - <= 16 mm² - flexible Tunnel type terminals (bottom) - <= 25 mm² - rigid Tunnel type terminals (top) - <= 25 mm² - rigid Tunnel type terminals (top) - <= 16 mm² - flexible
Tightening torque	2 N.m

Environment

IP degree of protection	IP20 conforming to IEC 60529 IP40 (modular enclosure) conforming to IEC 60529
Pollution degree	2 conforming to EN/IEC 60898-1
Overvoltage category	III
Ambient air temperature for operation	-25...60 °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 Height	5.4 cm
Package 1 Width	7.5 cm
Package 1 Length	8.5 cm
Package 1 Weight	333.0 g
Unit Type of Package 2	BB1
Number of Units in Package 2	4
Package 2 Height	8.0 cm
Package 2 Width	9.0 cm
Package 2 Length	22.0 cm
Package 2 Weight	1.372 kg
Unit Type of Package 3	S03
Number of Units in Package 3	48
Package 3 Height	30.0 cm
Package 3 Width	30.0 cm
Package 3 Length	40.0 cm
Package 3 Weight	17.008 kg

Offer Sustainability

Sustainable offer status	Green Premium product
REACH Regulation	REACH Declaration

EU RoHS Directive	Compliant EU RoHS Declaration
Mercury free	Yes
China RoHS Regulation	China RoHS declaration Product out of China RoHS scope. Substance declaration for your information
RoHS exemption information	Yes
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
Minimum percentage of recycled plastic content	56

Contractual warranty

Warranty	18 months
----------	-----------

Recommended replacement(s)