Product data sheet
Characteristics

R9F06140
Miniature circuit breaker (MCB), Resi9, 1P, 40A, C curve, 6000A (AS/NZS 60898)

Green Premium™ Product

Main

Range	Resi9
Product or component type	Miniature circuit-breaker
Device application	Distribution
Poles description	1P
Number of protected poles	1
[In] rated current	40 A at 30 °C
Network type	AC
Curve code	C
Breaking capacity	6000 A Icn at 230 V AC 50/60 Hz conforming to AS/NZS 60898
Suitability for isolation	Yes
Quality labels	RCM

Complementary

Network frequency	50/60 Hz
[Ue] rated operational voltage	230 V AC 50/60 Hz
[Ics] rated service breaking capacity	6000 A 100 % - 230 V AC 50/60 Hz
Magnetic tripping limit	5...10 x In
Limitation class	3
[Ui] rated insulation voltage	500 V
[Uimp] rated impulse withstand voltage	4 kV
Contact position indicator	Yes
Control type	Toggle
Local signalling	ON/OFF indication
9 mm pitches	2
Height	85 mm
Width	18 mm
Depth	75 mm
Embedding depth	44 mm
Net weight	125 g
Colour	White (RAL 9003)
Mechanical durability	20000 cycles
Electrical durability	10000 cycles 230 V
Provision for padlocking	Padlockable
Wire stripping length	14 mm for top or bottom connection
Tightening torque	3.5 N.m
Connections - terminals	Tunnel type terminals (top or bottom) 1…25 mm² flexible Tunnel type terminals (top or bottom) 1…35 mm² rigid

Environment

Grid distance	45 mm
Heat dissipation	3.6 W
IP degree of protection	IP20
Pollution degree	2
Overvoltage category	III

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Tropicalisation	Severity B conforming to IEC 60068-2-30
Relative humidity	95 % at 55 °C
Operating altitude	0...2000 m
Ambient air temperature for operation	-25…70 °C
Ambient air temperature for storage	-40…85 °C

Packing Units

Unit Type of Package 1	PCE
Number of Units in Package 1	1
Package 1 Height	7.2 cm
Package 1 Width	8.5 cm
Package 1 Length	1.8 cm
Package 1 Weight	0.119 kg
Unit Type of Package 2	BB1
Number of Units in Package 2	12
Package 2 Height	8.6 cm
Package 2 Width	9.6 cm
Package 2 Length	23 cm
Package 2 Weight	1.537 kg
Unit Type of Package 3	S03
Number of Units in Package 3	84
Package 3 Height	30 cm
Package 3 Width	38 cm
Package 3 Length	30 cm
Package 3 Weight	11.52 kg

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
China RoHS Regulation	China RoHS Declaration
RoHS exemption information	Yes
Environmental Disclosure	Product Environmental Profile