

Product datasheet

Specifications



Resi9 - RCBO - 1P + N - 16 A - B Curve - A type - 30 mA - 6000 A

R9D01616

! Discontinued on: 30 Jul 2021

! End-of-service on: 31 Dec 2021

! To be discontinued

EAN Code: 3606489661977

Main

Range	Resi9
Product Name	Resi9 RCBO
Product Or Component Type	Residual current breaker with overcurrent protection (RCBO)
Device Application	Distribution
Poles Description	1P + N
Neutral Position	Left
Number Of Protected Poles	1
[In] Rated Current	16 A
Network Type	AC
Trip Unit Technology	Thermal-magnetic
Curve Code	B
Earth-Leakage Sensitivity	30 mA
Earth-Leakage Protection Time Delay	Instantaneous
Earth-Leakage Protection Class	Type A
Breaking Capacity	6000 A Icn at 230 V AC 50 Hz conforming to EN/IEC 61009-2-1
Quality Labels	VDE KEMA

Complementary

Network Frequency	50/60 Hz
[Ue] Rated Operational Voltage	230 V
Magnetic Tripping Limit	3...5 x In
[Ui] Rated Insulation Voltage	400 V
Surge Current	250 A
Control Type	Toggle
Local Signalling	ON/OFF indication
Mounting Mode	Plug-in
Mounting Support	DIN rail
9 Mm Pitches	4
Height	82 mm

Width	36 mm
Depth	70.5 mm
Net Weight	186 g
Colour	White
Mechanical Durability	20000 cycles
Electrical Durability	7500 cycles
Provision For Padlocking	Yes
Connections - Terminals	Tunnel type terminals (top or bottom) - 1...16 mm ² - rigid Tunnel type terminals (top or bottom) - 1...10 mm ² - flexible Tunnel type terminals (top or bottom) - 1...10 mm ² - flexible with ferrule
Wire Stripping Length	13 mm for top or bottom connection
Tightening Torque	2 N.m
Earth-Leakage Protection	Integrated

Environment

Standards	EN/IEC 61009-1 EN/IEC 61009-2-1
Ip Degree Of Protection	IP20
Overvoltage Category	III
Tropicalisation	2 conforming to IEC 60068-1
Relative Humidity	95 % at 55 °C
Ambient Air Temperature For Operation	-25...40 °C
Ambient Air Temperature For Storage	-40...60 °C

Packing Units

Unit Type Of Package 1	PCE
Number Of Units In Package 1	1
Package 1 Height	4.100 cm
Package 1 Width	8.400 cm
Package 1 Length	9.900 cm
Package 1 Weight	212.000 g
Unit Type Of Package 2	S03
Number Of Units In Package 2	60
Package 2 Height	30.000 cm
Package 2 Width	30.000 cm
Package 2 Length	40.000 cm
Package 2 Weight	13.280 kg

Contractual warranty

Warranty	18 months
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Sustainability

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Guide to assessing product sustainability is a white paper that clarifies global eco-label standards and how to interpret environmental declarations.

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[Guide to assess a product's sustainability >](#)



Transparency RoHS/REACH

Well-being performance

Mercury Free

Rohs Exemption Information Yes

Halogen Free Plastic Parts Product

Certifications & Standards

Reach Regulation [REACH Declaration](#)

Eu Rohs Directive Compliant with Exemptions

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

Circularity Profile [End of Life Information](#)