Product datasheet

Specifications



miniature circuit breaker - C60H - 1 pole - 50 A - C curve

A9N61518

Price: 997.23 ZAR

Main

Range	Acti9
Product Name	Acti9 C60H-DC
Product Or Component Type	Miniature circuit-breaker
Device Short Name	C60H-DC
Device Application	Distribution
Poles Description	1P
Number Of Protected Poles	1
[In] Rated Current	50 A at 25 °C
Network Type	DC
Trip Unit Technology	Thermal-magnetic
Curve Code	C
Breaking Capacity	10 kA Icu at 220 V DC conforming to EN 60947-2 10 kA Icu at 220 V DC conforming to IEC 60947-2 6 kA Icu at 250 V DC conforming to EN 60947-2 6 kA Icu at 250 V DC conforming to IEC 60947-2 20 kA Icu at 110 V DC conforming to EN 60947-2 20 kA Icu at 110 V DC conforming to IEC 60947-2
Utilisation Category	Category A conforming to EN 60947-2 Category A conforming to IEC 60947-2
Suitability For Isolation	Yes conforming to IEC 60947-2 Yes conforming to EN 60947-2

Complementary

Network Frequency	50/60 Hz
[Ue] Rated Operational Voltage	250 V DC
[Ics] Rated Service Breaking Capacity	15 kA 75 % conforming to EN 60947-2 - 110 V DC 15 kA 75 % conforming to IEC 60947-2 - 110 V DC 4.5 kA 75 % conforming to EN 60947-2 - 250 V DC 4.5 kA 75 % conforming to IEC 60947-2 - 250 V DC 7.5 kA 75 % conforming to EN 60947-2 - 220 V DC 7.5 kA 75 % conforming to IEC 60947-2 - 220 V DC
[Ui] Rated Insulation Voltage	500 V DC conforming to IEC 60947-2 500 V DC conforming to EN 60947-2
[Uimp] Rated Impulse Withstand Voltage	6 kV conforming to EN 60947-2 6 kV conforming to IEC 60947-2
Contact Position Indicator	Yes
Control Type	Toggle
Local Signalling	ON/OFF indication

Excluding VAT and subject to change. Please check with your local distributor through "Where to buy"

Disclaimer: This documentation is not intended as a substitute for and is not to be used for determining suitability or reliability of these products for specific user applications

Mounting Mode	Fixed
Mounting Support	35 mm symmetrical DIN rail
Comb Busbar And Distribution Block Compatibility	Top or bottom: standard
9 Mm Pitches	2
Net Weight	0.128 kg
Colour	White
Mechanical Durability	20000 cycles
Electrical Durability	3000 cycles L/R = 2 ms
Provision For Padlocking	Padlockable
Locking Options Description	In position O
Tightening Torque	Power circuit: 2.5 N.m top or bottom
Earth-Leakage Protection	Without

Environment

Standards	EN 60947-2 IEC 60947-2
Pollution Degree	3 conforming to EN 60947-2 3 conforming to IEC 60947-2
Overvoltage Category	IV
Tropicalisation	2 conforming to IEC 60068-2
Operating Altitude	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	7.0 cm
Package 1 Width	1.8 cm
Package 1 Length	7.5 cm
Package 1 Weight	122.0 g

Contractual warranty

Warranty	18 months

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.

Learn more about Green Premium >

Guide to assess a product's sustainability >



Transparency



RoHS/REACh

Well-being performance

Toxic Heavy Metal Free	
Mercury Free	
Rohs Exemption Information	Yes

Certifications & Standards

Reach Regulation	REACh Declaration
Eu Rohs Directive	Compliant EU RoHS Declaration
China Rohs Regulation	China RoHS declaration Pro-active China RoHS declaration (out of China RoHS legal scope)
Environmental Disclosure	Product Environmental Profile
Circularity Profile	No need of specific recycling operations