# **Product datasheet**





# miniature circuit breaker - C60H -1 pole - 10 A - C curve

A9N61508

#### 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	10 A at 25 °C
Network Type	DC
Trip Unit Technology	Thermal-magnetic
Curve Code	С
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

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	-2570 °C
Ambient Air Temperature For Storage	-4085 °C

### **Packing Units**

Unit Type Of Package 1	PCE
Number Of Units In Package 1	1
Package 1 Height	7 cm
Package 1 Width	1.8 cm
Package 1 Length	7.5 cm
Package 1 Weight	112 g
Unit Type Of Package 2	BB1
Number Of Units In Package 2	12
Package 2 Height	2.65 cm
Package 2 Width	30 cm
Package 2 Length	20 cm
Package 2 Weight	1.379 kg
Unit Type Of Package 3	S03
Number Of Units In Package 3	144
Package 3 Height	30 cm
Package 3 Width	30 cm
Package 3 Length	40 cm

Package 3 Weight

17.035 kg

### **Contractual warranty**

Warranty

18 months



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Guide to assess a product's sustainability >





Transparency RoHS/REACh

# Well-being performance

✓ Toxic Heavy Metal Free
 ✓ Mercury Free
 ✓ Rohs Exemption Information

#### **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