Product data sheet
Characteristics

A9N61508
miniature circuit breaker - C60H - 1 pole - 10 A - C curve

Main

Range	Acti 9
Product name	Acti 9 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	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
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 250 V DC 6000 cycles 250 V DC

The information provided in this documentation contains general descriptions and/or technical characteristics of the performance of the products contained herein.
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.
It is the duty of any such user or integrator to perform the appropriate and complete risk analysis, evaluation and testing of the products with respect to the relevant specific application or use thereof.
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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 Weight	112 g
Package 1 Height	7 cm
Package 1 width	1.8 cm
Package 1 Length	7.5 cm
Unit Type of Package 2	BB1
Number of Units in Package 2	12
Package 2 Weight	1.379 kg
Package 2 Height	2.65 cm
Package 2 width	30 cm
Package 2 Length	20 cm
Unit Type of Package 3	S03
Number of Units in Package 3	144
Package 3 Weight	17.035 kg
Package 3 Height	30 cm
Package 3 width	30 cm
Package 3 Length	40 cm

Offer Sustainability

Sustainable offer status	Green Premium product
REACh Regulation	REACh Declaration
REACh free of SVHC	Yes
EU RoHS Directive	Compliant EU RoHS Declaration
Toxic heavy metal free	Yes
Mercury free	Yes
RoHS exemption information	Yes
China RoHS Regulation	China RoHS Declaration
Environmental Disclosure	Product Environmental Profile

Contractual warranty

Warranty	18 months