

## Product data sheet

### Characteristics

# A9N61531

Miniature circuit breaker (MCB), Acti9, C60H-DC, 2P, 16A, C curve, 6kA (IEC/EN 60947-2)



### 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	2P
Number of protected poles	2
[In] rated current	16 A at 25 °C
Network type	DC
Trip unit technology	Thermal-magnetic
Curve code	C
Breaking capacity	10 KA Icu at 440 V DC conforming to EN 60947-2 10 KA Icu at 440 V DC conforming to IEC 60947-2 6 KA Icu at 500 V DC conforming to EN 60947-2 6 KA Icu at 500 V DC conforming to IEC 60947-2 20 KA Icu at 220 V DC conforming to GB 14048.2 20 KA Icu at 220 V DC conforming to IEC 60947-2 20 KA Icu at 250 V DC conforming to GB 14048.2 20 KA Icu at 250 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	500 V DC
[Ics] rated service breaking capacity	15 KA 75 % conforming to EN 60947-2 - 220 V DC 15 KA 75 % conforming to IEC 60947-2 - 220 V DC 15 KA 75 % conforming to EN 60947-2 - 250 V DC 15 KA 75 % conforming to IEC 60947-2 - 250 V DC 4.5 KA 75 % conforming to EN 60947-2 - 500 V DC 4.5 KA 75 % conforming to IEC 60947-2 - 500 V DC 7.5 KA 75 % conforming to EN 60947-2 - 440 V DC 7.5 KA 75 % conforming to IEC 60947-2 - 440 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	4
Net weight	0.256 kg

Colour	White
Mechanical durability	20000 cycles
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	7.5 cm
Package 1 Width	3.6 cm
Package 1 Length	8.5 cm
Package 1 Weight	228 g
Unit Type of Package 2	BB1
Number of Units in Package 2	6
Package 2 Height	2.63 cm
Package 2 Width	30 cm
Package 2 Length	20 cm
Package 2 Weight	1.401 kg
Unit Type of Package 3	S03
Number of Units in Package 3	72
Package 3 Height	30 cm
Package 3 Width	30 cm
Package 3 Length	40 cm
Package 3 Weight	17.426 kg

## Offer Sustainability

Sustainable offer status	Green Premium product
REACH Regulation	 <a href="#">REACH Declaration</a>
REACH free of SVHC	Yes
EU RoHS Directive	Compliant  <a href="#">EU RoHS Declaration</a>
Toxic heavy metal free	Yes
Mercury free	Yes
China RoHS Regulation	 <a href="#">China RoHS Declaration</a>
RoHS exemption information	 <a href="#">Yes</a>
Environmental Disclosure	 <a href="#">Product Environmental Profile</a>
Circularity Profile	No need of specific recycling operations

## Contractual warranty

Warranty	18 months
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