

# Product data sheet

Specifications



## miniature circuit breaker - C60H - 1 pole - 16 A - C curve

A9N61511

### Main

Range	Acti 9
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	16 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

<b>Local signalling</b>	ON/OFF indication
<b>Mounting mode</b>	Fixed
<b>Mounting support</b>	35 mm symmetrical DIN rail
<b>Comb busbar and distribution block compatibility</b>	Top or bottom: standard
<b>9 mm pitches</b>	2
<b>Net weight</b>	0.128 kg
<b>Colour</b>	White
<b>Mechanical durability</b>	20000 cycles
<b>Electrical durability</b>	3000 cycles 250 V DC 6000 cycles 250 V DC
<b>Provision for padlocking</b>	Padlockable
<b>Locking options description</b>	In position O
<b>Tightening torque</b>	Power circuit: 2.5 N.m top or bottom
<b>Earth-leakage protection</b>	Without

## Environment

<b>Standards</b>	EN 60947-2 IEC 60947-2
<b>Pollution degree</b>	3 conforming to EN 60947-2 3 conforming to IEC 60947-2
<b>Overvoltage category</b>	IV
<b>Tropicalisation</b>	2 conforming to IEC 60068-2
<b>Operating altitude</b>	2000 m
<b>Ambient air temperature for operation</b>	-25...70 °C
<b>Ambient air temperature for storage</b>	-40...85 °C

## Packing Units

<b>Unit Type of Package 1</b>	PCE
<b>Number of Units in Package 1</b>	1
<b>Package 1 Weight</b>	112.0 g
<b>Package 1 Height</b>	7.2 cm
<b>Package 1 width</b>	1.8 cm
<b>Package 1 Length</b>	8.5 cm
<b>Unit Type of Package 2</b>	P12
<b>Number of Units in Package 2</b>	1152
<b>Package 2 Weight</b>	153.352 kg
<b>Package 2 Height</b>	80.0 cm
<b>Package 2 width</b>	80.0 cm
<b>Package 2 Length</b>	120.0 cm
<b>Unit Type of Package 3</b>	BB1
<b>Number of Units in Package 3</b>	12
<b>Package 3 Weight</b>	1.398 kg
<b>Package 3 Height</b>	2.7 cm

Package 3 width	30.0 cm
Package 3 Length	20.0 cm

## 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
RoHS exemption information	<a href="#">Yes</a>
China RoHS Regulation	<a href="#">China RoHS declaration</a> Pro-active China RoHS declaration (out of China RoHS legal scope)
Environmental Disclosure	<a href="#">Product Environmental Profile</a>

## Contractual warranty

Warranty	18 months
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