

# Product datasheet

Specifications



## miniature circuit breaker - C60H - 2 poles - 0.5 A - C curve

A9N61520

### 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	0.5 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

<b>Control type</b>	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>	4
<b>Net weight</b>	0.256 kg
<b>Colour</b>	White
<b>Mechanical durability</b>	20000 cycles
<b>Electrical durability</b>	3000 cycles L/R = 2 ms
<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 Height</b>	7.3 cm
<b>Package 1 Width</b>	3.2 cm
<b>Package 1 Length</b>	8.5 cm
<b>Package 1 Weight</b>	240 g
<b>Unit Type of Package 2</b>	BB1
<b>Number of Units in Package 2</b>	6
<b>Package 2 Height</b>	9 cm
<b>Package 2 Width</b>	8 cm
<b>Package 2 Length</b>	22 cm
<b>Package 2 Weight</b>	1.442 kg
<b>Unit Type of Package 3</b>	S03
<b>Number of Units in Package 3</b>	72
<b>Package 3 Height</b>	30 cm

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Package 3 Width	30 cm
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Package 3 Length	40 cm
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Package 3 Weight	17.791 kg
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## Contractual warranty

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Warranty	18 months
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## Sustainability

**Green Premium™ label** is Schneider Electric's commitment to delivering products with best-in-class environmental performance. Green Premium promises compliance with the latest regulations, transparency on environmental impacts, as well as circular and low-CO<sub>2</sub> products.

**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

Reach Free Of Svhc

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