

# Product datasheet

Specifications



## Acti9, Miniature circuit breaker (MCB), Acti9 C60H-DC, 1P, 6A, C curve, 6kA (IEC/EN 60947-2)

A9N61506

### 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	6 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

<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 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>	7.2 cm
<b>Package 1 Width</b>	1.8 cm
<b>Package 1 Length</b>	8.5 cm
<b>Package 1 Weight</b>	112.0 g
<b>Unit Type Of Package 2</b>	BB1
<b>Number Of Units In Package 2</b>	12
<b>Package 2 Height</b>	2.9 cm
<b>Package 2 Width</b>	30.0 cm
<b>Package 2 Length</b>	20.0 cm
<b>Package 2 Weight</b>	1.38 kg
<b>Unit Type Of Package 3</b>	S03
<b>Number Of Units In Package 3</b>	144
<b>Package 3 Height</b>	30.0 cm
<b>Package 3 Width</b>	30.0 cm
<b>Package 3 Length</b>	40.0 cm

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Package 3 Weight	17.11 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

Toxic Heavy Metal Free

Mercury Free

Rohs Exemption Information Yes

## Certifications & Standards

Reach Regulation	<a href="#">REACH Declaration</a>
Eu Rohs Directive	Compliant <a href="#">EU RoHS Declaration</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>
Circularity Profile	No need of specific recycling operations