

Product datasheet

Specifications



miniature circuit breaker - C60H - 2 poles - 50 A - C curve

A9N61538

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	50 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
Standards	EN 60947-2 IEC 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
Electrical durability	3000 cycles L/R = 2 ms
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

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	7.3 cm
Package 1 Width	3.6 cm
Package 1 Length	8.5 cm
Package 1 Weight	246 g
Unit Type of Package 2	BB1
Number of Units in Package 2	6
Package 2 Height	9 cm
Package 2 Width	8 cm
Package 2 Length	23 cm
Package 2 Weight	1.53 kg
Unit Type of Package 3	S03
Number of Units in Package 3	72
Package 3 Height	30 cm

Package 3 Width	30 cm
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Package 3 Length	40 cm
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Package 3 Weight	18.9 kg
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Contractual warranty

Warranty	18 months
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Environmental Data

Schneider Electric aims to achieve Net Zero status by 2050 through supply chain partnerships, lower impact materials, and circularity via our ongoing “Use Better, Use Longer, Use Again” campaign to extend product lifetimes and recyclability.

[How this information helps you >](#)

Environmental footprint

Carbon footprint (kg.eq.CO2 per CR, Total Life cycle)	54
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Environmental Disclosure

[Product Environmental Profile](#)

Use Better

Materials and Substances

Packaging made with recycled cardboard	Yes
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Packaging without single use plastic	No
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EU RoHS Directive	Compliant
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SCIP Number	A5974528-db7a-4dab-baff-e3d40953a6f2
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REACH Regulation	REACH Declaration
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China RoHS Regulation	China RoHS declaration
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Use Again

Repack and remanufacture

Circularity Profile	No need of specific recycling operations
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Take-back	No
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