

## A9N61538

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



### Main

Range	Acti 9
Product name	Acti 9 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	Icu 20 kA at 220 V DC conforming to GB 14048.2 Icu 10 kA at 440 V DC conforming to EN 60947-2 Icu 10 kA at 440 V DC conforming to IEC 60947-2 Icu 6 kA at 500 V DC conforming to EN 60947-2 Icu 6 kA at 500 V DC conforming to IEC 60947-2 Icu 20 kA at 220 V DC conforming to IEC 60947-2 Icu 20 kA at 250 V DC conforming to GB 14048.2 Icu 20 kA at 250 V DC conforming to IEC 60947-2
Utilisation category	
Suitability for isolation	Yes conforming to EN 60947-2 Yes conforming to IEC 60947-2

### Complementary

Network frequency	50/60 Hz
[Ue] rated operational voltage	500 V DC
[Ics] rated service breaking capacity	15 kA 75 % x Icu at 220 V DC conforming to EN 60947-2 15 kA 75 % x Icu at 220 V DC conforming to IEC 60947-2 15 kA 75 % x Icu at 250 V DC conforming to EN 60947-2 15 kA 75 % x Icu at 250 V DC conforming to IEC 60947-2 4.5 kA 75 % x Icu at 500 V DC conforming to EN 60947-2 4.5 kA 75 % x Icu at 500 V DC conforming to IEC 60947-2 7.5 kA 75 % x Icu at 440 V DC conforming to EN 60947-2 7.5 kA 75 % x Icu at 440 V DC conforming to IEC 60947-2
[Ui] rated insulation voltage	500 V DC conforming to IEC 60947-2
[Uimp] rated impulse withstand voltage	6 kV conforming to EN 60947-2 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 distribution block compatibility	Standard top or bottom
9 mm pitches	4
Product weight	0.256 kg
Colour	White
Mechanical durability	20000 cycles
Electrical durability	6000 cycles - 500 V DC 3000 cycles - 500 V DC
Provision for padlocking	Padlockable

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Locking options description	In position O
Tightening torque	2.5 N.m top or bottom power circuit
Earth-leakage protection	Without

## Environment

standards	IEC 60947-2 EN 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

## Offer Sustainability

Sustainable offer status	Green Premium product
RoHS (date code: YYWW)	Compliant - since 0844 - Schneider Electric declaration of conformity
REACH	Reference not containing SVHC above the threshold
Product environmental profile	Available
Product end of life instructions	Need no specific recycling operations