

Product datasheet

Specifications



Miniature circuit breaker, Acti9 C120H, 100A, 1P, C Curve, 10kA

A9N19816

⚠ Discontinued on: 1 Nov 2020

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Main

Range of product	Acti9
Range	Acti9
Product name	C120
Product or component type	Miniature circuit-breaker
Device short name	C120H
Poles description	1P
Device application	Distribution
Number of protected poles	1
[In] rated current	100 A at 30 °C
Network type	AC DC
Trip unit technology	Thermal-magnetic
Curve code	C
Breaking capacity	10 kA Icn at 230 V AC 50/60 Hz conforming to EN/IEC 60898-1 10 kA Icn at 230 V AC 50/60 Hz conforming to GB/T 10963.1 10 kA Icu at 230 V AC 50/60 Hz conforming to EN/IEC 60947-2 10 kA Icu at 230 V AC 50/60 Hz conforming to GB/T 14048.2
Suitability for isolation	Yes

Complementary

Network frequency	50/60 Hz
[Ue] rated operational voltage	230 V
Magnetic tripping limit	5...10 x In conforming to GB/T 10963.1 8 x In +/- 20 % conforming to GB/T 14048.2
[Uimp] rated impulse withstand voltage	6 kV
[Ui] rated insulation voltage	500 V AC 50/60 Hz
Contact position indicator	Yes
Control type	Toggle
Local signalling	ON/OFF indication
Mounting mode	Clip-on
Mounting support	DIN rail
9 mm pitches	3
Height	81 mm

Depth	73 mm
Net weight	205 g
Mechanical durability	20000 cycles
Electrical durability	5000 cycles
Connections - terminals	Tunnel type terminals top or bottom 1...50 mm ² rigid without cable end Tunnel type terminals top or bottom 1.5...35 mm ² flexible with or without cable end
Wire stripping length	Power circuit: 14 mm
Tightening torque	Power circuit: 3.5 N.m

Environment

Standards	GB 10963.1 EN/IEC 60898-1 GB/T 14048.2 EN/IEC 60947-2
Product certifications	CE CCC
Ambient air temperature for operation	-30...70 °C
Ambient air temperature for storage	-40...80 °C

Packing Units

Unit Type of Package 1	PCE
Number of Units in Package 1	1
Package 1 Height	8 cm
Package 1 Width	8 cm
Package 1 Length	9 cm
Package 1 Weight	456 g

Contractual warranty

Warranty (in months)	18
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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.

[Environmental Data explained >](#)

[How we assess product sustainability >](#)

Use Better



Materials and Substances

Packaging made with recycled cardboard **Yes**

Packaging without single use plastic **Yes**

Use Longer



Lifetime extension

Repair **No**

Use Again



Repack and remanufacture

Take-back **No**

WEEE Label  **The product must be disposed on European Union markets following specific waste collection and never end up in rubbish bins**