Product datasheet

Specifications



C120H circuit breakers, D curve, 125A, 1P, 10kA, 3 mod width

A9N19828

EAN Code: 3606485459332

Discontinued

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	125 A at 30 °C
Network type	AC
Trip unit technology	Thermal-magnetic
Curve code	D
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 conforming to IEC 60947-2

Complementary

Network frequency	50/60 Hz
[Ue] rated operational voltage	400 V AC 50/60 Hz
Magnetic tripping limit	10...14 x In conforming to GB/T 10963.1 12 x In +/- 20 % conforming to GB/T 14048.2
Limitation class	3 conforming to IEC 60898-1
[Uimp] rated impulse withstand voltage	6 kV conforming to IEC 60947-2
[Ui] rated insulation voltage	500 V AC 50/60 Hz conforming to IEC 60947-2
Contact position indicator	Yes
Control type	Toggle
Local signalling	ON/OFF indication
Mounting mode	Clip-on
Mounting support	DIN rail
9 mm pitches	3

Disclaimer: This documentation is not intended as a substitute for and is not to be used for determining suitability or reliability of these products for specific user applications

Height	86 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 mm² rigid without cable end Tunnel type terminals top or bottom 1.5…35 mm² flexible with or without cable end
Tightening torque	Power circuit: 3.5 N.m
Wire stripping length	Power circuit: 14 mm
Earth-leakage protection	Separate block

Environment

Product certifications	CCC CE
Standards	GB 10963.1 EN/IEC 60898-1 GB/T 14048.2 EN/IEC 60947-2
IP degree of protection	IP20 conforming to IEC 60529
Pollution degree	3 conforming to IEC 60947-2
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	7.3 cm
Package 1 Width	2.7 cm
Package 1 Length	8.5 cm
Package 1 Weight	202.8 g
Unit Type of Package 2	BB1
Number of Units in Package 2	12
Package 2 Height	9.5 cm
Package 2 Width	34.8 cm
Package 2 Length	8.7 cm
Package 2 Weight	2.529 kg
Unit Type of Package 3	CAR
Number of Units in Package 3	72
Package 3 Height	30 cm
Package 3 Width	30 cm
Package 3 Length	40 cm
Package 3 Weight	15.753 kg

Contractual warranty

Warranty (in months)	18

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 >

Environmental footprint

Total lifecycle Carbon footprint	**94 kg CO2 eq.**
Carbon footprint of the manufacturing phase [A1 to A3]	**2 kg CO2 eq.**
Carbon footprint of the distribution phase [A4]	**0.1 kg CO2 eq.**
Carbon footprint of the installation phase [A5]	**0 kg CO2 eq.**
Carbon footprint of the use phase [B2, B3, B4, B6]	**92 kg CO2 eq.**
Carbon footprint of the end-of-life phase [C1 to C4]	**0.6 kg CO2 eq.**
Environmental Disclosure	**Product Environmental Profile**

Use Better

Materials and Substances

Packaging made with recycled cardboard	**Yes**
Packaging without single use plastic	**Yes**
EU RoHS Directive	**Compliant**
REACh Regulation	**Reference contains Substances of Very High Concern above the threshold**
Halogen-free status	**Product contains halogen above thresholds**
Silicone-free	**No**

Use Again

Repack and remanufacture

Recyclability potential, in %	**60**
End of life manual availability	**End of Life Information**
Take-back	**No**