

Product datasheet

Specifications



C120H circuit breakers, D curve, 100A, 2P, 10kA, 6 mod width

A9N19821

EAN Code: 3606485459349

❗ Discontinued

Main

Range of product	Acti9
Range	Acti9
Product name	C120
Product or component type	Miniature circuit-breaker
Device short name	C120H
Poles description	2P
Device application	Distribution
Number of protected poles	2
[In] rated current	100 A at 30 °C
Network type	AC
Trip unit technology	Thermal-magnetic
Curve code	D
Breaking capacity	6 kA Icu at 440 V AC 50/60 Hz conforming to IEC 60947-2 20 kA Icu at 230...240 V AC 50/60 Hz conforming to IEC 60947-2 10 kA Icu at 400...415 V AC 50/60 Hz conforming to IEC 60947-2 10 kA Icn at 400 V AC 50/60 Hz conforming to IEC 60898-1
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
Limitation class	3 conforming to IEC 60898-1
[Ui] rated insulation voltage	500 V AC 50/60 Hz conforming to IEC 60947-2
[Uimp] rated impulse withstand voltage	6 kV 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	6

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	410 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
Wire stripping length	Power circuit: 14 mm
Tightening torque	Power circuit: 3.5 N.m
Earth-leakage protection	Separate block

Environment

Standards	IEC 60898-1 GB 10963.1
Product certifications	CE CCC
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	2.9 cm
Package 1 Width	9.5 cm
Package 1 Length	8.7 cm
Package 1 Weight	386 g
Unit Type of Package 2	BB1
Number of Units in Package 2	6
Package 2 Height	8.7 cm
Package 2 Width	9.5 cm
Package 2 Length	34.8 cm
Package 2 Weight	2.362 kg
Unit Type of Package 3	CAR
Number of Units in Package 3	36
Package 3 Height	30 cm
Package 3 Width	30 cm
Package 3 Length	40 cm
Package 3 Weight	14.782 kg

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)	141
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Environmental Disclosure	Product Environmental Profile
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Use Better

Materials and Substances

Packaging made with recycled cardboard	Yes
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Packaging without single use plastic	Yes
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EU RoHS Directive	Compliant
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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	End of Life Information
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Take-back	No
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