

# Product datasheet

Specifications



## C120H circuit breakers, D curve, 63A, 3P, 10kA, 9 mod width

A9N19806

EAN Code: 3606485459363

! Discontinued

### Main

Range of product	Acti9
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Product name	C120
Product or component type	Miniature circuit-breaker
Device short name	C120H
Poles description	3P
Device application	Distribution
Number of protected poles	3
[In] rated current	63 A at 30 °C
Network type	AC
Trip unit technology	Thermal-magnetic
Curve code	D
Breaking capacity	10 kA Icn at 400 V AC 50/60 Hz conforming to EN/IEC 60898-1 10 kA Icn at 400 V AC 50/60 Hz conforming to GB/T 10963.1
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 conforming to GB/T 10963.1
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	9
Height	86 mm
Depth	73 mm

<b>Net weight</b>	615 g
<b>Mechanical durability</b>	20000 cycles
<b>Electrical durability</b>	10000 cycles
<b>Connections - terminals</b>	Tunnel type terminals top or bottom 1...50 mm <sup>2</sup> rigid without cable end Tunnel type terminals top or bottom 1.5...35 mm <sup>2</sup> flexible with or without cable end
<b>Wire stripping length</b>	Power circuit: 14 mm
<b>Tightening torque</b>	Power circuit: 3.5 N.m
<b>Earth-leakage protection</b>	Separate block

## Environment

<b>Standards</b>	GB 10963.1 IEC 60898-1
<b>Product certifications</b>	CCC CE
<b>IP degree of protection</b>	IP20 conforming to IEC 60529
<b>Pollution degree</b>	3 conforming to IEC 60947-2
<b>Ambient air temperature for operation</b>	-30...70 °C
<b>Ambient air temperature for storage</b>	-40...80 °C

## Packing Units

<b>Unit Type of Package 1</b>	PCE
<b>Number of Units in Package 1</b>	1
<b>Package 1 Height</b>	2.9 cm
<b>Package 1 Width</b>	9.5 cm
<b>Package 1 Length</b>	8.7 cm
<b>Package 1 Weight</b>	560 g
<b>Unit Type of Package 2</b>	BB1
<b>Number of Units in Package 2</b>	4
<b>Package 2 Height</b>	8.7 cm
<b>Package 2 Width</b>	9.5 cm
<b>Package 2 Length</b>	34.8 cm
<b>Package 2 Weight</b>	2.286 kg
<b>Unit Type of Package 3</b>	CAR
<b>Number of Units in Package 3</b>	24
<b>Package 3 Height</b>	30 cm
<b>Package 3 Width</b>	30 cm
<b>Package 3 Length</b>	40 cm
<b>Package 3 Weight</b>	14.326 kg

## Contractual warranty

<b>Warranty (in months)</b>	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 >](#)



### Environmental footprint

Total lifecycle Carbon footprint	144 kg CO2 eq.
Carbon footprint of the manufacturing phase [A1 to A3]	4 kg CO2 eq.
Carbon footprint of the distribution phase [A4]	0.2 kg CO2 eq.
Carbon footprint of the installation phase [A5]	0.1 kg CO2 eq.
Carbon footprint of the use phase [B2, B3, B4, B6]	138 kg CO2 eq.
Carbon footprint of the end-of-life phase [C1 to C4]	2 kg CO2 eq.
Environmental Disclosure	<a href="#">Product Environmental Profile</a>

## Use Better



### Materials and Substances

Packaging made with recycled cardboard	Yes
Packaging without single use plastic	Yes
EU RoHS Directive	<a href="#">Compliant</a>
REACH Regulation	<a href="#">Reference contains Substances of Very High Concern above the threshold</a>
Halogen-free status	Product contains halogen above thresholds

## Use Longer



### Lifetime extension

Repair	No
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## Use Again



### Repack and remanufacture

Recyclability potential, in %	60
End of life manual availability	<a href="#">End of Life Information</a>
Take-back	No