

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 |

| | |
|--------------------------|---|
| 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 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 |
| Earth-leakage protection | Separate block |

Environment

| | |
|---------------------------------------|--|
| Standards | GB 10963.1 EN/IEC 60898-1 GB/T 14048.2 EN/IEC 60947-2 |
| Product certifications | CCC CE |
| 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



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 |

Use Longer



Lifetime extension

| | |
|--------|----|
| Repair | No |
|--------|----|

Use Again



Repack and remanufacture

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