Product datasheet

Specifications

Miniature circuit breaker (MCB), Acti9 C120H, 4P, 80A, D curve, 10kA (IEC/EN 60947-2)

A9N19815

⚠ Discontinued on: 29 May 2024

⚠ **Discontinued**

EAN Code: 3606480704970

Main

Range of product	Acti9
Range	Acti9
Product or component type	Miniature circuit-breaker
Device short name	C120H
Poles description	4P
Device application	Distribution
Number of protected poles	4
[In] rated current	80 A at 30 °C
network type	AC
Trip unit technology	Thermal-magnetic
Curve code	D
Breaking capacity	20 kA Icu at 230...240 V AC 50/60 Hz 10 kA Icu at 400...415 V AC 50/60 Hz 6 kA Icu at 440 V AC 50/60 Hz
Suitability for isolation	Yes

Complementary

Network frequency	50/60 Hz
[Ue] rated operational voltage	400 V
Magnetic tripping limit	10...14 x In
[Ui] rated insulation voltage	500 V AC 50/60 Hz
[Uimp] rated impulse withstand voltage	6 kV
Contact position indicator	Yes
control type	Toggle
local signalling	ON/OFF indication
Mounting mode	Clip-on
Mounting support	DIN rail
9 mm pitches	12.0
Height	81 mm
Depth	73 mm
Net weight	820 g

Life Is On | Schneider Electric

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

Environment

Standards	GB/T 10963.1 EN/IEC 60898-1
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	10 cm
Package 1 Length	9 cm
Package 1 Weight	456 g
Unit Type of Package 2	BB1
Number of Units in Package 2	3
Package 2 Height	9.6 cm
Package 2 Width	10.9 cm
Package 2 Length	24.8 cm
Package 2 Weight	1.434 kg
Unit Type of Package 3	S03
Number of Units in Package 3	18
Package 3 Height	30 cm
Package 3 Width	30 cm
Package 3 Length	40 cm
Package 3 Weight	9.317 kg

Contractual warranty

Warranty	18 months

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

Carbon footprint (kg.eq.CO2 per CR, Total Life cycle)	**211**
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	**REACh Declaration**
China RoHS Regulation	**China RoHS declaration**

Use Again

Repack and remanufacture

Circularity Profile	**End of Life Information**
Take-back	**No**