

Product datasheet

Specifications



Miniature circuit breaker (MCB), Acti9 C120H, 3P, 80A, D curve, 10kA (IEC/EN 60947-2)

A9N19814

 **Discontinued on:** 29 May 2024

 **Discontinued**

EAN Code: 3606480704963

Main

Range of product	Acti9
Range	Acti9
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	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	9.0
Height	81 mm
Depth	73 mm
Net weight	615 g

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

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	8 cm
Package 1 Length	9.8 cm
Package 1 Weight	443 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	1.394 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	9.077 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)	159
Environmental Disclosure	Product Environmental Profile
 China Green Designed Product	Yes

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

