



Main

Range of product	Acti 9
Range	Acti 9
Product or component type	Miniature circuit-breaker
Device short name	C120H
Poles description	4P
Device application	Distribution
Number of protected poles	4.0
[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
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

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

The information provided in this documentation contains general descriptions and/or technical characteristics of the performance of the products contained herein. 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. It is the duty of any such user or integrator to perform the appropriate and complete risk analysis, evaluation and testing of the products with respect to the relevant specific application or use thereof. Neither Schneider Electric Industries SAS nor any of its affiliates or subsidiaries shall be responsible or liable for misuse of the information contained herein.

Packing Units

Package 1 Weight	0.456 kg
Package 1 Height	0.800 dm
Package 1 width	1.000 dm
Package 1 Length	0.900 dm

Offer Sustainability

REACH Regulation	REACH Declaration
REACH free of SVHC	Yes
EU RoHS Directive	Compliant EU RoHS Declaration
Toxic heavy metal free	Yes
Mercury free	Yes
RoHS exemption information	Yes
China RoHS Regulation	China RoHS Declaration