

# Product datasheet

Specifications



Miniature circuit-breaker. Acti9  
C120N. 3P. 100 A. D curve. 10 kA  
(IEC 60947-2)

A9N60754

**Price: 5,315.52 ZAR**

## Main

Range Of Product	C120
Range	Acti9
Product Name	C120
Product Or Component Type	Miniature circuit-breaker
Device Short Name	C120N
Device Application	Distribution
Poles Description	3P
Number Of Protected Poles	3
[In] Rated Current	100 A at 40 °C
Network Type	AC
Trip Unit Technology	Thermal-magnetic
Curve Code	D
Breaking Capacity	10 kA Icu at <= 375 V DC conforming to EN/IEC 60947-2 10 kA Icu at 230...400 V AC 50/60 Hz conforming to EN/IEC 60947-2

## Complementary

Network Frequency	50/60 Hz
[Ue] Rated Operational Voltage	<= 375 V DC 230...400 V AC 50/60 Hz
Magnetic Tripping Limit	12 x In +/- 20 %
[Ics] Rated Service Breaking Capacity	7.5 kA 75 % conforming to EN/IEC 60947-2 - 230...400 V AC 50/60 Hz
Limitation Class	3 conforming to EN/IEC 60947-2
[Ui] Rated Insulation Voltage	500 V AC 50/60 Hz conforming to EN/IEC 60947-2
[Uimp] Rated Impulse Withstand Voltage	6 kV conforming to EN/IEC 60947-2
Control Type	Toggle
Local Signalling	ON/OFF indication
Mounting Mode	Clip-on
Mounting Support	35 mm symmetrical DIN rail
Comb Busbar And Distribution Block Compatibility	YES
9 Mm Pitches	9
Height	81 mm
Depth	73 mm

Excluding VAT and subject to change. Please check with your local distributor through "Where to buy"

<b>Width</b>	81 mm
<b>Net Weight</b>	0.615 kg
<b>Colour</b>	White
<b>Mechanical Durability</b>	20000 cycles
<b>Electrical Durability</b>	5000 cycles
<b>Connections - Terminals</b>	Tunnel type terminals1...50 mm <sup>2</sup> rigid Tunnel type terminals1.5...35 mm <sup>2</sup> flexible
<b>Wire Stripping Length</b>	15 mm
<b>Tightening Torque</b>	3.5 N.m
<b>Earth-Leakage Protection</b>	Separate block

## Environment

<b>Standards</b>	EN/IEC 60947-2
<b>Ip Degree Of Protection</b>	IP20 conforming to IEC 60529
<b>Pollution Degree</b>	3 conforming to IEC 60947-2
<b>Overvoltage Category</b>	III
<b>Tropicalisation</b>	2 conforming to IEC 60068-1
<b>Relative Humidity</b>	95 % at 55 °C
<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>	7.500 cm
<b>Package 1 Width</b>	8.100 cm
<b>Package 1 Length</b>	8.600 cm
<b>Package 1 Weight</b>	579.000 g
<b>Unit Type Of Package 2</b>	BB1
<b>Number Of Units In Package 2</b>	4
<b>Package 2 Height</b>	9.500 cm
<b>Package 2 Width</b>	8.500 cm
<b>Package 2 Length</b>	33.000 cm
<b>Package 2 Weight</b>	2.581 kg
<b>Unit Type Of Package 3</b>	S03
<b>Number Of Units In Package 3</b>	24
<b>Package 3 Height</b>	30.000 cm
<b>Package 3 Width</b>	30.000 cm
<b>Package 3 Length</b>	40.000 cm
<b>Package 3 Weight</b>	15.973 kg

## Contractual warranty

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Warranty

18 months

## Sustainability

**Green Premium™ label** is Schneider Electric's commitment to delivering products with best-in-class environmental performance. Green Premium promises compliance with the latest regulations, transparency on environmental impacts, as well as circular and low-CO<sub>2</sub> products.

**Guide to assessing product sustainability** is a white paper that clarifies global eco-label standards and how to interpret environmental declarations.

[Learn more about Green Premium >](#)

[Guide to assess a product's sustainability >](#)



Transparency RoHS/REACH

## Well-being performance

Toxic Heavy Metal Free

Mercury Free

Rohs Exemption Information [Yes](#)

## Certifications & Standards

Reach Regulation

[REACH Declaration](#)

Eu Rohs Directive

Compliant

[EU RoHS Declaration](#)

China Rohs Regulation

[China RoHS declaration](#)

Pro-active China RoHS declaration (out of China RoHS legal scope)

Environmental Disclosure

[Product Environmental Profile](#)

Circularity Profile

No need of specific recycling operations