

# Product datasheet

Specifications



## Miniature circuit breaker (MCB), Acti9 xC60, 1P, 20A, C curve, 10000A (IS/IEC60898-1)

A9N1P20CGN

### Main

Device application	Distribution
Range of product	Acti9
Range	Acti9
Product name	XC60
Product or component type	Miniature circuit-breaker
Device short name	xC60
Poles description	1P
Number of protected poles	1
[In] rated current	20 A
Network type	AC
Trip unit technology	Thermal-magnetic
Curve code	C

### Complementary

Network frequency	50/60 Hz
[Ue] rated operational voltage	220...240 V AC 50/60 Hz
Magnetic tripping limit	5...10 x In
Breaking capacity	10000 A Icn at 240 V AC 50/60 Hz conforming to IS/IEC 60898-1
Limitation class	3 conforming to IS/IEC 60898-1
Contact position indicator	Yes
Control type	Toggle
Local signalling	ON/OFF indication
Mounting mode	Clip-on
Mounting support	35 mm DIN rail
Comb busbar and distribution block compatibility	Top: YES
9 mm pitches	2
Height	85 mm
Width	18 mm
Depth	77.5 mm
Product weight	0.115 kg
Colour	White

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

<b>Mechanical durability</b>	20000 cycles
<b>Electrical durability</b>	20000 cycles
<b>Connections - terminals</b>	Tunnel type terminals (bottom) 16 mm <sup>2</sup> flexible Tunnel type terminals (bottom) 25 mm <sup>2</sup> rigid Biconnect (bottom)
<b>Wire stripping length</b>	13 mm for top or bottom connection
<b>Tightening torque</b>	2 N.m
<b>Earth-leakage protection</b>	Separate block
<b>Product compatibility</b>	C60 accessories C60 auxiliary
<b>Overvoltage category</b>	IV

## Environment

<b>Standards</b>	IS/IEC 60898-1
<b>IP degree of protection</b>	IP20
<b>Pollution degree</b>	3
<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...85 °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>	8.1 cm
<b>Package 1 Width</b>	1.8 cm
<b>Package 1 Length</b>	7.2 cm
<b>Package 1 Weight</b>	115 g
<b>Unit Type of Package 2</b>	BB1
<b>Number of Units in Package 2</b>	12
<b>Package 2 Height</b>	8 cm
<b>Package 2 Width</b>	9 cm
<b>Package 2 Length</b>	23.8 cm
<b>Package 2 Weight</b>	1.442 kg
<b>Unit Type of Package 3</b>	CAR
<b>Number of Units in Package 3</b>	144
<b>Package 3 Height</b>	27 cm
<b>Package 3 Width</b>	30 cm
<b>Package 3 Length</b>	35 cm
<b>Package 3 Weight</b>	17.904 kg

## Contractual warranty

<b>Warranty (in months)</b>	18
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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.

[Environmental Data explained >](#)

[How we assess product sustainability >](#)



### Environmental footprint

Total lifecycle Carbon footprint	6 kg CO2 eq.
Carbon footprint of the manufacturing phase [A1 to A3]	0.8 kg CO2 eq.
Carbon footprint of the distribution phase [A4]	0.5 kg CO2 eq.
Carbon footprint of the installation phase [A5]	0 kg CO2 eq.
Carbon footprint of the use phase [B2, B3, B4, B6]	4 kg CO2 eq.
Carbon footprint of the end-of-life phase [C1 to C4]	0.3 kg CO2 eq.
Environmental Disclosure	<a href="#">Product Environmental Profile</a>

## Use Better



### Materials and Substances

Packaging made with recycled cardboard	No
Packaging without single use plastic	No
EU RoHS Directive	<a href="#">Compliant By Exemption</a>
REACH Regulation	<a href="#">Reference contains Substances of Very High Concern above the threshold</a>
Halogen-free status	Product contains halogen above thresholds
PVC free	No
Silicone-free	No

## Use Longer



### Lifetime extension

Repair	No
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## Use Again



### Repack and remanufacture

Recyclability potential, in %	1
End of life manual availability	No need of specific recycling operations
Take-back	No