

# Product datasheet

Specifications



## Miniature circuit breaker (MCB), Acti9 xC60, 3P, 50A, C curve, 10000A (IS/IEC60898-1)

A9N3P50CGN

### 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	3P
Number of protected poles	3
[In] rated current	50 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 380...415 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 10000 A Icn at 415 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	6
Height	85 mm
Width	54 mm
Depth	77.5 mm
Net weight	0.31 kg

<b>Colour</b>	White
<b>Mechanical durability</b>	20000 cycles
<b>Electrical durability</b>	10000 cycles
<b>Connections - terminals</b>	Biconnect (top) Tunnel type terminals (bottom) 25 mm <sup>2</sup> flexible Tunnel type terminals (bottom) 35 mm <sup>2</sup> rigid
<b>Wire stripping length</b>	13 mm for top or bottom connection
<b>Tightening torque</b>	3.5 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>	5.35 cm
<b>Package 1 Length</b>	7.4 cm
<b>Package 1 Weight</b>	390 g
<b>Unit Type of Package 2</b>	BB1
<b>Number of Units in Package 2</b>	4
<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>	1.622 kg
<b>Unit Type of Package 3</b>	CAR
<b>Number of Units in Package 3</b>	48
<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>	20.064 kg

## 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) **10**

Environmental Disclosure [Product Environmental Profile](#)

## Use Better

### Materials and Substances

Recycled metal content at CR level **0**

Packaging made with recycled cardboard **No**

Packaging without single use plastic **No**

China RoHS Regulation [China RoHS declaration](#)

## Use Again

### Repack and remanufacture

Circularity Profile **No need of specific recycling operations**

Take-back **No**