

# Product data sheet

Specifications



## C40N - circuit breaker - 3P + N - 40A - C curve

A9N17595

Discontinued on: 30 June 2021

Discontinued

### Main

Range of product	Librio
Range	Librio
Product name	C40
Product or component type	Miniature circuit-breaker
Device short name	C40N
Device application	Distribution
Poles description	3P + N
Number of protected poles	3
Neutral position	Left
[In] rated current	40 A
Network type	AC
Trip unit technology	Thermal-magnetic
Curve code	C
Breaking capacity	6000 A Icn at 400 V AC 50 Hz conforming to EN/IEC 60898-1
Suitability for isolation	Yes conforming to IEC 60947-2

### Complementary

Network frequency	50 Hz
[Ue] rated operational voltage	230 V AC 50 Hz between phase and neutral 400 V between phases
Magnetic tripping limit	5...10 x In
[Ics] rated service breaking capacity	6000 A x Icn at 400 V AC 50 Hz conforming to EN/IEC 60898-1
Limitation class	3 conforming to EN/IEC 60898-1
[Ui] rated insulation voltage	400 V AC 50 Hz conforming to EN/IEC 60898-1
[Uimp] rated impulse withstand voltage	4 kV conforming to IEC 60947-2
Contact position indicator	Yes
Control type	Toggle

Local signalling	ON/OFF indication
Mounting mode	Clip-on
Mounting support	DIN rail
9 mm pitches	6
Height	81 mm
Width	54 mm
Depth	78 mm
Net weight	322 g
Colour	White
Mechanical durability	20000 cycles
Electrical durability	10000 cycles
Locking options description	Padlocking device
Connections - terminals	Tunnel type terminals downstream 0.33...10 mm² flexible Tunnel type terminals downstream 0.75...16 mm² rigid Tunnel type terminals upstream 0.33...10 mm² flexible Tunnel type terminals upstream 0.75...16 mm² rigid
Wire stripping length	13 mm
Tightening torque	2 N.m
Earth-leakage protection	Separate block

## Environment

Standards	EN/IEC 60898-1
IP degree of protection	IP20 conforming to IEC 60529
Pollution degree	3 conforming to IEC 60947-2
Tropicalisation	2 conforming to IEC 60898-1
Relative humidity	95 % at 55 °C
Operating altitude	2000 m
Ambient air temperature for operation	-25...70 °C
Ambient air temperature for storage	-40...70 °C

## Packing Units

Unit Type of Package 1	PCE
Number of Units in Package 1	1
Package 1 Weight	348.0 g
Package 1 Height	7.3 cm
Package 1 width	5.3 cm
Package 1 Length	8.9 cm
Unit Type of Package 2	BB1
Number of Units in Package 2	4
Package 2 Weight	1.452 kg
Package 2 Height	8.4 cm
Package 2 width	9.4 cm
Package 2 Length	22.8 cm
Unit Type of Package 3	S03

Number of Units in Package 3	48
Package 3 Weight	17.911 kg
Package 3 Height	30.0 cm
Package 3 width	30.0 cm
Package 3 Length	40.0 cm

Offer Sustainability

Sustainable offer status	Green Premium product
REACH Regulation	<a href="#">REACH Declaration</a>
EU RoHS Directive	Compliant <a href="#">EU RoHS Declaration</a>
Mercury free	Yes
RoHS exemption information	<a href="#">Yes</a>
China RoHS Regulation	<a href="#">China RoHS declaration</a> Product out of China RoHS scope. Substance declaration for your information
Environmental Disclosure	<a href="#">Product Environmental Profile</a>
WEEE	The product must be disposed on European Union markets following specific waste collection and never end up in rubbish bins
Halogen content performance	Halogen free product

Contractual warranty

Warranty	18 months
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Recommended replacement(s)

A9N17595 is replaced by:

1x



Miniature circuit-breaker, Acti9 iC40N, 3P+N, 40 A, C curve, 6000 A (IEC 60898-1), 10 kA (IEC 60947-2)  
A9P54740