

# Product datasheet

Specifications



## Miniature circuit-breaker, Acti9 iC40N, 1P+N, 10 A, B curve, 6000 A (IEC 60898-1), 10 kA (IEC 60947-2)

A9P44610

EAN Code: 3606481324511

### Main

Range	Acti9
Product name	Acti9 iC40
Product or component type	Miniature circuit-breaker
Device short name	iC40N
Device application	Distribution
Poles description	1P + N
Number of protected poles	1
Neutral position	Left
[In] rated current	10 A
Network type	AC
Trip unit technology	Thermal-magnetic
Curve code	B
Breaking capacity	10 kA Icu at 230 V AC 50/60 Hz conforming to EN/IEC 60947-2 6000 A Icn at 230 V AC 50/60 Hz conforming to EN/IEC 60898-1
Suitability for isolation	Yes conforming to EN/IEC 60947-2
Quality labels	OVE KEMA IMQ

### Complementary

Network frequency	50/60 Hz
[Ue] rated operational voltage	230 V AC 50/60 Hz
Magnetic tripping limit	3...5 x In conforming to EN/IEC 60898-1 4 x In +/- 20 % conforming to EN/IEC 60947-2
[Ics] rated service breaking capacity	6000 A 100 % x Icn at 230 V AC 50/60 Hz conforming to EN/IEC 60898-1 7.5 kA 75 % x Icn at 230 V AC 50/60 Hz conforming to EN/IEC 60947-2
Limitation class	3 conforming to EN/IEC 60898-1
[Uij] rated insulation voltage	400 V AC 50/60 Hz conforming to EN/IEC 60947-2
[Uimp] rated impulse withstand voltage	4 kV conforming to EN/IEC 60947-2
Contact position indicator	Yes
control type	Toggle
Local signalling	ON/OFF indication Trip indicator
Mounting mode	Clip-on

<b>Mounting support</b>	DIN rail
<b>9 mm pitches</b>	2
<b>Height</b>	85 mm
<b>Width</b>	18 mm
<b>Depth</b>	74 mm
<b>Net weight</b>	120 g
<b>Colour</b>	White
<b>Mechanical durability</b>	20000 cycles
<b>Electrical durability</b>	20000 cycles
<b>Locking options description</b>	Padlocking device
<b>Connections - terminals</b>	Tunnel type terminals top or bottom 1...10 mm <sup>2</sup> flexible Tunnel type terminals top or bottom 1...16 mm <sup>2</sup> rigid
<b>Wire stripping length</b>	14 mm for top or bottom connection
<b>Tightening torque</b>	2 N.m top or bottom
<b>Earth-leakage protection</b>	Separate block

## Environment

<b>Standards</b>	EN/IEC 60898-1 EN/IEC 60947-2
<b>Product certifications</b>	CE BV RINA DNV
<b>IP degree of protection</b>	IP20 conforming to IEC 60529 IP40 (modular enclosure) conforming to IEC 60529
<b>Pollution degree</b>	3 conforming to EN/IEC 60947-2
<b>Relative humidity</b>	95 % at 55 °C
<b>Operating altitude</b>	2000 m
<b>Ambient air temperature for operation</b>	-25...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>	1.8 cm
<b>Package 1 Width</b>	7.4 cm
<b>Package 1 Length</b>	9.4 cm
<b>Package 1 Weight</b>	115.0 g
<b>Unit Type of Package 2</b>	BB1
<b>Number of Units in Package 2</b>	12
<b>Package 2 Height</b>	8.1 cm
<b>Package 2 Width</b>	9.9 cm
<b>Package 2 Length</b>	22.5 cm
<b>Package 2 Weight</b>	1.44 kg

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<b>Unit Type of Package 3</b>	S03
<b>Number of Units in Package 3</b>	132
<b>Package 3 Height</b>	30.0 cm
<b>Package 3 Width</b>	30.0 cm
<b>Package 3 Length</b>	40.0 cm
<b>Package 3 Weight</b>	16.359 kg

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## Logistical informations

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Country of origin FR

## Contractual warranty

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Warranty 18 months



## 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 13

Environmental Disclosure [Product Environmental Profile](#)

### Use Better

#### Materials and Substances

Packaging made with recycled cardboard Yes

Packaging without single use plastic Yes

[EU RoHS Directive](#) Compliant with Exemptions

SCIP Number C839c050-8547-41ce-b0db-e9813554fc09

REACH Regulation [REACH Declaration](#)

### Use Again

#### Repack and remanufacture

End of life manual availability No need of specific recycling operations

Take-back No

WEEE Label  The product must be disposed on European Union markets following specific waste collection and never end up in rubbish bins