

# Product datasheet

Specifications



## Miniature circuit-breaker, Acti9 iK60N, 1P, 20 A, C curve, 6000 A (IEC 60898-1)

A9K24120

### Main

Device application	Distribution
Range	Acti9
product name	Acti9 iK60
Product or component type	Miniature circuit-breaker
Device short name	iK60N
Poles description	1P
Number of protected poles	1
[In] rated current	20 A at 30 °C
network type	AC
Trip unit technology	Thermal-magnetic
Curve code	C
Breaking capacity	6000 A Icn at 230 V AC 50/60 Hz conforming to EN/IEC 60898-1
Suitability for isolation	Yes conforming to EN/IEC 60898-1
Standards	EN/IEC 60898-1

### Complementary

Network frequency	50/60 Hz
Magnetic tripping limit	5...10 x In
[Ics] rated service breaking capacity	6000 A 100 % conforming to EN/IEC 60898-1 - 230 V AC 50/60 Hz
Limitation class	3 conforming to EN/IEC 60898-1
[Ui] rated insulation voltage	440 V AC 50/60 Hz conforming to EN/IEC 60898-1
[Uimp] rated impulse withstand voltage	4 kV conforming to EN/IEC 60898-1
Contact position indicator	No
Control type	Toggle
Local signalling	ON/OFF indication
Mounting mode	Clip-on
Mounting support	DIN rail
9 mm pitches	2
Height	85 mm
Width	18 mm
Depth	78.5 mm

Price is "List Price" and may be subject to a trade discount – check with your local distributor or retailer for actual price.

Product weight	100 g
Colour	White
Mechanical durability	20000 cycles
Electrical durability	10000 cycles
Locking options description	Padlocking device
Connections - terminals	Tunnel type terminal (top or bottom) 1...25 mm <sup>2</sup> rigid Tunnel type terminal (top or bottom) 1...16 mm <sup>2</sup> flexible
Wire stripping length	14 mm for top or bottom connection
Tightening torque	2 N.m top or bottom
Earth-leakage protection	Without

## Environment

IP degree of protection	IP20 conforming to IEC 60529
Pollution degree	2 conforming to EN/IEC 60898-1
overvoltage category	III
Ambient air temperature for operation	-25...60 °C
Ambient air temperature for storage	-40...85 °C

## Packing Units

Unit Type of Package 1	PCE
Number of Units in Package 1	1
Package 1 Height	7.5 cm
Package 1 Width	1.8 cm
Package 1 Length	9.4 cm
Package 1 Weight	102 g
Unit Type of Package 2	BB1
Number of Units in Package 2	12
Package 2 Height	8.5 cm
Package 2 Width	9.8 cm
Package 2 Length	22 cm
Package 2 Weight	1.25 kg
Unit Type of Package 3	S03
Number of Units in Package 3	132
Package 3 Height	30 cm
Package 3 Width	30 cm
Package 3 Length	40 cm
Package 3 Weight	14.266 kg

## Contractual warranty

Warranty	18 months
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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

Carbon footprint (kg.eq.CO2 per CR, Total Life cycle) **3**

Environmental Disclosure [Product Environmental Profile](#)

## Use Better

### Materials and Substances

Packaging made with recycled cardboard **Yes**

Packaging without single use plastic **Yes**

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

China RoHS Regulation [China RoHS declaration](#)

## Use Again

### Repack and remanufacture

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

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

Take-back **No**