

# Product datasheet

Specifications



## miniature circuit breaker - iK60N - 3P - 16 A - C curve

A9K24316

### Main

Device Application	Distribution
Range	Acti9
Product Name	Acti9 iK60
Product Or Component Type	Miniature circuit-breaker
Device Short Name	iK60N
Poles Description	3P
Number Of Protected Poles	3
[In] Rated Current	16 A at 30 °C
Network Type	AC
Trip Unit Technology	Thermal-magnetic
Curve Code	C
Breaking Capacity	6000 A Icn at 400 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
Product Certifications	SNI

### 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 - 400 V AC 50/60 Hz
Limitation Class	3 conforming to EN/IEC 60898-1
[Uij] 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	6
Height	85 mm
Width	54 mm

Depth	78.5 mm
Net Weight	300 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	II
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	5.500 cm
Package 1 Width	7.500 cm
Package 1 Length	9.500 cm
Package 1 Weight	292.600 g
Unit Type Of Package 2	BB1
Number Of Units In Package 2	4
Package 2 Height	8.500 cm
Package 2 Width	10.000 cm
Package 2 Length	22.000 cm
Package 2 Weight	1.230 kg
Unit Type Of Package 3	S03
Number Of Units In Package 3	44
Package 3 Height	30.000 cm
Package 3 Width	30.000 cm
Package 3 Length	40.000 cm
Package 3 Weight	13.949 kg

## Contractual warranty

Warranty	12 months
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## Sustainability

**Green Premium™ label** is Schneider Electric's commitment to delivering products with best-in-class environmental performance. Green Premium promises compliance with the latest regulations, transparency on environmental impacts, as well as circular and low-CO<sub>2</sub> products.

**Guide to assessing product sustainability** is a white paper that clarifies global eco-label standards and how to interpret environmental declarations.

[Learn more about Green Premium >](#)

[Guide to assess a product's sustainability >](#)



Transparency RoHS/REACH

## Well-being performance

Reach Free Of Svhc

Toxic Heavy Metal Free

Mercury Free

Rohs Exemption Information Yes

## Certifications & Standards

Reach Regulation	<a href="#">REACH Declaration</a>
Eu Rohs Directive	Compliant <a href="#">EU RoHS Declaration</a>
China Rohs Regulation	<a href="#">China RoHS declaration</a> Pro-active China RoHS declaration (out of China RoHS legal scope)
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
Circularity Profile	No need of specific recycling operations