# **Product datasheet**

Specification





# miniature circuit breaker - iK60N - 1P - 6 A - C curve

A9K24106

#### 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	6 A at 30 °C	
Network Type	AC	
Trip Unit Technology	Thermal-magnetic	
Curve Code	С	
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	510 x ln	
[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	d 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	

Net 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) 125 mm² rigid Tunnel type terminal (top or bottom) 116 mm² 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	gree 2 conforming to EN/IEC 60898-1	
Overvoltage Category	III	
Ambient Air Temperature For Operation	-2560 °C	
Ambient Air Temperature For Storage	-4085 °C	

## **Packing Units**

Unit Type Of Package 1	PCE
Number Of Units In Package 1	1
Package 1 Height	2.000 cm
Package 1 Width	7.500 cm
Package 1 Length	9.500 cm
Package 1 Weight	99.000 g
Unit Type Of Package 2	BB1
Number Of Units In Package 2	12
Package 2 Height	8.500 cm
Package 2 Width	9.500 cm
Package 2 Length	22.000 cm
Package 2 Weight	1.239 kg
Unit Type Of Package 3	S03
Number Of Units In Package 3	132
Package 3 Height	30.000 cm
Package 3 Width	30.000 cm
Package 3 Length	40.000 cm
Package 3 Weight	14.098 kg

## **Contractual warranty**

Warranty 12 months



**Green Premium**<sup>TM</sup> **label** is Schneider Electric's commitment to delivering products with best-inclass 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

<b>②</b>	Reach Free Of Svhc	
<b>Ø</b>	Toxic Heavy Metal Free	
<b>Ø</b>	Mercury Free	
<b>Ø</b>	Rohs Exemption Information	Yes

#### **Certifications & Standards**

Reach Regulation	REACh Declaration
Eu Rohs Directive	Compliant EU RoHS Declaration
China Rohs Regulation	China RoHS declaration  Pro-active China RoHS declaration (out of China RoHS legal scope)
Environmental Disclosure	Product Environmental Profile
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