# **Product datasheet**

Specifications



# miniature circuit breaker - iK60N - 1P - 32 A - C curve

A9K24132

#### 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	32 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

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Network frequency	50/60 Hz	
Magnetic tripping limit	510 x ln	
[lcs] 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	

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	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	7.5 cm
Package 1 Width	1.8 cm
Package 1 Length	9.5 cm
Package 1 Weight	103.0 g
Unit Type of Package 2	BB1
Number of Units in Package 2	12
Package 2 Height	8.0 cm
Package 2 Width	9.8 cm
Package 2 Length	22.0 cm
Package 2 Weight	1.301 kg
Unit Type of Package 3	S03
Number of Units in Package 3	132
Package 3 Height	30.0 cm
Package 3 Width	30.0 cm
Package 3 Length	40.0 cm
Package 3 Weight	14.798 kg

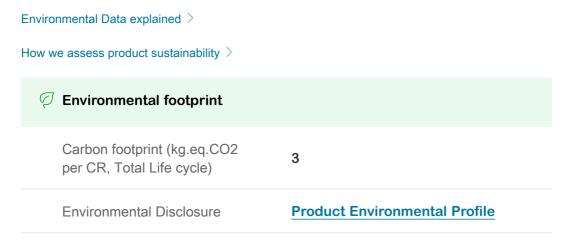
## **Contractual warranty**

Warranty

12 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.



#### **Use Better**

S 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	<b>REACh Declaration</b>
China RoHS Regulation	China RoHS declaration

#### **Use Again**

 $\bigcirc$  Repack and remanufacture

**Circularity Profile** 

No need of specific recycling operations

Life Is On Schneider

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

 Take-back
 No