# **Product datasheet**

Specification





# Miniature circuit-breaker, Acti9 iK60N, 2P, 32 A, C curve, 6000 A (IEC 60898-1)

A9K24232

### Main

Device Application	Distribution	
Range	Acti9	
Product Name	Acti9 iK60	
Product Or Component Type	Miniature circuit-breaker	
Device Short Name	iK60N	
Poles Description	2P	
Number Of Protected Poles	2	
[In] Rated Current	32 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	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	4	
Height	85 mm	
Width	36 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.

Net Weight	200 g	
Colour	White	
Mechanical Durability	20000 cycles	
Electrical Durability	10000 cycles	
Locking Options Description	n 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	ion 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	-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	3.600 cm
Package 1 Width	7.500 cm
Package 1 Length	8.500 cm
Package 1 Weight	204.000 g
Unit Type Of Package 2	BB1
Number Of Units In Package 2	6
Package 2 Height	8.600 cm
Package 2 Width	9.800 cm
Package 2 Length	21.800 cm
Package 2 Weight	1.269 kg
Unit Type Of Package 3	S03
Number Of Units In Package 3	66
Package 3 Height	30.000 cm
Package 3 Width	30.000 cm
Package 3 Length	40.000 cm
Package 3 Weight	14.474 kg

## **Contractual warranty**

Warranty 18 months



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Transparency RoHS/REACh

### Well-being performance

<b>Ø</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