

Product datasheet

Specifications



miniature circuit breaker - iK60N - 2P - 50 A - C curve

A9K24250

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	50 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
[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	4
Height	85 mm
Width	36 mm
Depth	78.5 mm

Net Weight	200 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...35 mm ² rigid Tunnel type terminal (top or bottom) 1...25 mm ² flexible
Wire Stripping Length	14 mm for top or bottom connection
Tightening Torque	3.5 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	3.500 cm
Package 1 Width	7.500 cm
Package 1 Length	9.500 cm
Package 1 Weight	245.500 g
Unit Type Of Package 2	BB1
Number Of Units In Package 2	6
Package 2 Height	8.500 cm
Package 2 Width	10.000 cm
Package 2 Length	22.000 cm
Package 2 Weight	1.528 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	17.234 kg

Contractual warranty

Warranty	18 months
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Sustainability


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Transparency RoHS/REACH

Well-being performance

 Mercury Free

 Rohs Exemption Information [Yes](#)

 Halogen Free Product

Certifications & Standards

Reach Regulation

[REACH Declaration](#)

Eu Rohs Directive

Compliant

[EU RoHS Declaration](#)

China Rohs Regulation

[China RoHS declaration](#)

Product out of China RoHS scope. Substance declaration for your information

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