Product datasheet

Specification





Miniature circuit-breaker, Acti9 iK60N, 2P, 50 A, C curve, 6000 A (IEC 60898-1)

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	ed Poles 2	
[In] Rated Current	50 A at 30 °C	
Network Type	e 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) 135 mm² rigid Tunnel type terminal (top or bottom) 125 mm² flexible	
Wire Stripping Length	14 mm for top or bottom connection	
Tightening Torque	3.5 N.m top or bottom	
Earth-Leakage Protection	on 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	3.500 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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Transparency RoHS/REACh

Well-being performance

②	Mercury Free	
⊘	Rohs Exemption Information	Yes
⊘	Halogen Free Product	

Certifications & Standards

Reach Regulation	REACh Declaration
Eu Rohs Directive	Compliant with Exemptions
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
Circularity Profile	No need of specific recycling operations