

Product datasheet

Specifications



Acti9 K60N 3P 6A C 6kA 400V Miniature Circuit Breaker

A9K02306

Main

Device application	Distribution
Range	Acti9
Product name	Acti9 K60
Product or component type	Miniature circuit-breaker
Device short name	K60N
poles description	3P
Number of protected poles	3
[In] rated current	6 A
Network type	AC
Trip unit technology	Thermal-magnetic
Curve code	C
Breaking capacity	6000 A Icn at 400 V AC 50/60 Hz conforming to EN/IEC 60898-1
Utilisation category	Category A conforming to IEC 60947-2
Suitability for isolation	Yes conforming to EN/IEC 60898-1
Standards	EN/IEC 60898-1
product certifications	OVE VDE

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 - 400 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	Without
mounting mode	Fixed
mounting support	DIN rail
Comb busbar and distribution block compatibility	Downside: biconnect

9 mm pitches	6
Height	81 mm
Width	54 mm
Depth	70 mm
Net weight	0.36 kg
Colour	White
Mechanical durability	20000 cycles
Electrical durability	20000 cycles
Connections - terminals	Tunnel type terminals (downstream) 0.5...35 mm ² rigid Tunnel type terminals (upstream) 0.5...35 mm ² rigid Tunnel type terminals (downstream) 0.5...25 mm ² flexible Tunnel type terminals (upstream) 0.5...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 IEC 60898-1 2 conforming to EN 60898-1
Overvoltage category	II
Tropicalisation	2 conforming to IEC 60068-1
Relative humidity	95 % at 55 °C
Operating altitude	0...2000 m
Ambient air temperature for operation	-25...70 °C
Ambient air temperature for storage	-40...70 °C

Packing Units

Unit Type of Package 1	PCE
Number of Units in Package 1	1
Package 1 Height	5.500 cm
Package 1 Width	7.500 cm
Package 1 Length	8.500 cm
Package 1 Weight	320.000 g
Unit Type of Package 2	BB1
Number of Units in Package 2	4
Package 2 Height	8.000 cm
Package 2 Width	9.000 cm
Package 2 Length	22.000 cm
Package 2 Weight	1.330 kg
Unit Type of Package 3	S03
Number of Units in Package 3	48
Package 3 Height	30.000 cm

Package 3 Width	30.000 cm
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Package 3 Length	40.000 cm
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Package 3 Weight	16.357 kg
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Contractual warranty

Warranty	12 months
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Sustainability

Green Premium™ label is Schneider Electric's commitment to delivering products with best-in-class environmental performance. Green Premium promises compliance with the latest regulations, transparency on environmental impacts, as well as circular and low-CO₂ products.

Guide to assessing product sustainability is a white paper that clarifies global eco-label standards and how to interpret environmental declarations.

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[Guide to assess a product's sustainability >](#)



Lower Impact Materials Transparency RoHS/REACH

Resource performance

✓ Minimum Percentage Of Recycled Plastic Content 56

Well-being performance

✓ 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