

Product datasheet

Specifications



Acti 9 K60N 1P - 20 A - C curve 6000 A

A9K02120

Main

Device application	Distribution
Range	Acti9
Product name	Acti9 K60
Product or component type	Miniature circuit-breaker
Device short name	K60N
poles description	1P
Number of protected poles	1
[In] rated current	20 A
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
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 - 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	Without
mounting mode	Fixed
mounting support	DIN rail
Comb busbar and distribution block compatibility	Downside: biconnect

Disclaimer: This documentation is not intended as a substitute for and is not to be used for determining suitability or reliability of these products for specific user applications

9 mm pitches	2
Height	81 mm
Width	18 mm
Depth	70 mm
Net weight	0.12 kg
Colour	White
Mechanical durability	20000 cycles
Electrical durability	20000 cycles
Connections - terminals	Tunnel type terminals (downstream) 0.5...35 mm² rigid Tunnel type terminals (upstream) 0.5...35 mm² rigid Tunnel type terminals (downstream) 0.5...25 mm² flexible Tunnel type terminals (upstream) 0.5...25 mm² 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	7.5 cm
Package 1 Width	1.8 cm
Package 1 Length	8.5 cm
Package 1 Weight	106.0 g
Unit Type of Package 2	BB1
Number of Units in Package 2	12
Package 2 Height	8.0 cm
Package 2 Width	8.9 cm
Package 2 Length	22.0 cm
Package 2 Weight	1.337 kg
Unit Type of Package 3	S03
Number of Units in Package 3	144
Package 3 Height	30.0 cm

Package 3 Width	30.0 cm
Package 3 Length	40.0 cm
Package 3 Weight	16.77 kg

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.

[Learn more about Green Premium >](#)

[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