

Product datasheet

Specifications



Acti9 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

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 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	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
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Package 3 Length	40.0 cm
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Package 3 Weight	16.77 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.

[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