

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	С
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

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	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) 0.535 mm² rigid Tunnel type terminals (upstream) 0.535 mm² rigid Tunnel type terminals (downstream) 0.525 mm² flexible Tunnel type terminals (upstream) 0.525 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	02000 m
Ambient air temperature for operation	-2570 °C
Ambient air temperature for storage	-4070 °C

Packing Units

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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 ka

Contractual warranty

Warranty 12 months

Sustainability Green Premium*

Green PremiumTM **label** is Schneider Electric's commitment to delivering products with best-inclass 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 >

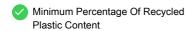






Lower Impact Materials Transparency RoHS/REACh

Resource performance



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Yes

Well-being performance

Rohs Exemption Information

Halogen Free Product

Mercury Free

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