



Main

Device application	Distribution
Range	Acti9
Product name	Acti9 K60
Product or component type	Miniature circuit-breaker
Device short name	K60N
Poles description	2P
Number of protected poles	2
[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 between phases 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

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	4
Height	81 mm
Width	36 mm
Depth	74 mm
Net weight	0.24 kg
Colour	White
Mechanical durability	20000 cycles
Electrical durability	10000 cycles
Connections - terminals	Tunnel type terminals (downstream) 0.5...25 mm ² rigid Tunnel type terminals (upstream) 0.5...25 mm ² rigid Tunnel type terminals (downstream) 0.5...16 mm ² flexible Tunnel type terminals (upstream) 0.5...16 mm ² flexible Tunnel type terminals (downstream) 0.5...16 mm ² flexible with ferrule Tunnel type terminals (upstream) 0.5...16 mm ² flexible with ferrule
Wire stripping length	14 mm for top or bottom connection

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Tightening torque	2 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
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	-25...85 °C

Packing Units

Unit Type of Package 1	PCE
Number of Units in Package 1	1
Package 1 Height	7.3 cm
Package 1 Width	3.6 cm
Package 1 Length	8.5 cm
Package 1 Weight	0.217 kg
Unit Type of Package 2	S03
Number of Units in Package 2	72
Package 2 Height	30 cm
Package 2 Width	30 cm
Package 2 Length	40 cm
Package 2 Weight	15.624 kg

Offer Sustainability

Sustainable offer status	Green Premium product
EU RoHS Directive	Compliant with Exemptions
Mercury free	Yes
China RoHS Regulation	China RoHS Declaration
RoHS exemption information	Yes
Environmental Disclosure	Product Environmental Profile
Circularity Profile	No need of specific recycling operations
Halogen content performance	Halogen free product