



Main

Device application	Distribution
Range	Acti 9
Range of product	Acti 9
Product name	Acti 9 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 conforming-to EN/IEC 60898-1 - 400 V AC 50/60 Hz
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 % x Icu 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	Biconnect downside
Connection pitch	18 mm Between phases
9 mm pitches	6
Height	81 mm
Width	54 mm
Depth	70 mm
Product weight	0.36 kg
Colour	White
Mechanical durability	20000 cycles
Electrical durability	20000 cycles
Connections - terminals	Tunnel type terminals, downstream rigid wire(s) 0.5...35 mm² max Tunnel type terminals, upstream rigid wire(s) 0.5...35 mm² max Tunnel type terminals, downstream flexible wire(s) 0.5...25 mm² max Tunnel type terminals, upstream flexible wire(s) 0.5...25 mm² max
Wire stripping length	14 mm top or bottom

Tightening torque	3.5 N.m top or bottom
Earth-leakage protection	Without
Compatibility code	K60
Market segment	Residential Small commercial

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 % (55 °C)
Operating altitude	0...2000 m
Ambient air temperature for operation	-25...70 °C
Ambient air temperature for storage	-40...70 °C

Offer Sustainability

Sustainable offer status	Green Premium product
RoHS (date code: YYWW)	Compliant - since 0627 - Schneider Electric declaration of conformity Schneider Electric declaration of conformity
REACH	Reference not containing SVHC above the threshold
Product environmental profile	Available
Product end of life instructions	Need no specific recycling operations

Contractual warranty

Warranty period	18 months
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Product Life Status : **Commercialised**