



Main

Device application	Distribution
Range	Acti 9
Product name	Acti 9 K60
Product or component type	Miniature circuit-breaker
Device short name	K60N
Poles description	1P
Number of protected poles	1
[In] rated current	6 A
Network type	AC
Trip unit technology	Thermal-magnetic
Curve code	B
Breaking capacity	6000 A Icn conforming to EN/IEC 60898-1 - 230 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	VDE OVE

Complementary

Network frequency	50/60 Hz
Magnetic tripping limit	3...5 x In
[Ics] rated service breaking capacity	6000 A 100 % x Icu 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	Biconnect downside
9 mm pitches	2
Height	81 mm
Width	18 mm
Depth	70 mm
Product weight	0.12 kg
Colour	White
Mechanical durability	20000 cycles
Electrical durability	20000 cycles
Connections - terminals	Tunnel type terminals, downstream rigid wire(s) 0.5...35 mm ² max Tunnel type terminals, upstream rigid wire(s) 0.5...35 mm ² max Tunnel type terminals, downstream flexible wire(s) 0.5...25 mm ² max Tunnel type terminals, upstream flexible wire(s) 0.5...25 mm ² max
Wire stripping length	14 mm top or bottom
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 % (55 °C)
Operating altitude	0...2000 m
Ambient air temperature for operation	-25...70 °C
Ambient air temperature for storage	-25...85 °C

Offer Sustainability

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

Contractual warranty

Warranty period	18 months
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