



Main

Range of product	Canalis
Product name	KN
Product or component type	Elbow
Busbar description	Flexible elbow
Product compatibility	KN
Direction change type	2 dimensions
[Ie] rated operational current	100 A at 35 °C

Complementary

Device application	Low power distribution
Thermal stress limit	8000 kA ² .s
Maximum radiated magnetic field	186 pT
[Ue] rated operational voltage	230...500 V
[Uimp] rated impulse withstand voltage	6 kV
[Ui] rated insulation voltage	500 V
[Icw] rated short-time withstand current	2.8 kA
[Ipk] rated peak withstand current	14 kA
THDI	0...15 % 100 A 15...33 % 80 A 33...100 % 63 A
Network frequency	50/60 Hz
Control type	Without
Number of circuits	1
Mounting mode	By screws
Standards	IEC 60439-2 IEC 61439-6
Operating angle	80...180 °
Length	355 mm
Colour	White (RAL 9001)
Net weight	1.3 kg

Environment

IP degree of protection	IP55 conforming to IEC 60529
IK degree of protection	IK08 conforming to IEC 62262
Ambient air temperature for operation	0...35 °C without derating

Packing Units

Unit Type of Package 1	PCE
Number of Units in Package 1	1
Package 1 Weight	1.037 kg
Package 1 Height	4 cm
Package 1 width	11 cm
Package 1 Length	54.5 cm
Unit Type of Package 2	P06

Number of Units in Package 2	4
Package 2 Weight	10.546 kg
Package 2 Height	26 cm
Package 2 width	60 cm
Package 2 Length	80 cm
Unit Type of Package 3	PAL
Number of Units in Package 3	48
Package 3 Weight	66 kg
Package 3 Height	62 cm
Package 3 width	62 cm
Package 3 Length	92 cm

Offer Sustainability

Sustainable offer status	Green Premium product
REACH Regulation	REACH Declaration
REACH free of SVHC	Yes
EU RoHS Directive	Compliant EU RoHS Declaration
Toxic heavy metal free	Yes
Mercury free	Yes
RoHS exemption information	Yes
China RoHS Regulation	China RoHS Declaration
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
Halogen content performance	Halogen free product

Contractual warranty

Warranty	18 months
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