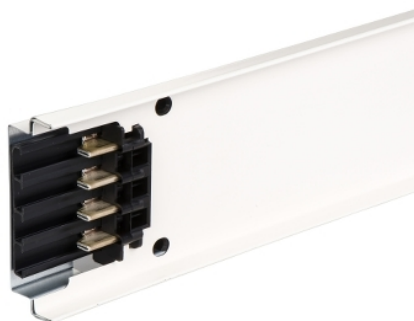




Main

Range of product	Canalis
Product name	KN
Product or component type	Busbar trunking
Busbar description	Distribution length
Device application	Low power distribution
[Ie] rated operational current	160 A at 35 °C
Busbar trunking polarity	3L + PEN 3L + N + PE
Number of tap-off outlets	3
Length	3 m

Complementary

[Ue] rated operational voltage	230...500 V
Network frequency	50/60 Hz
[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	20 kA
Electrical connection	Lubricated sliding contact
Radiated magnetic field	0.186 µT
Thermal stress limit	8000 kA².s
THDI	0...15 % 160 A 15...33 % 130 A 33...100 % 100 A
Maximum voltage drop	<0.068 V with power factor = 1 at 50 Hz with 1A for 100 m long <0.071 V with power factor = 0.9 at 50 Hz with 1A for 100 m long <0.067 V with power factor = 0.8 at 50 Hz with 1A for 100 m long <0.063 V with power factor = 0.7 at 50 Hz with 1A for 100 m long
Mounting mode	By screws
Neutral position	Up
Number of circuits	1
Control type	Without
Standards	IEC 60439-2 IEC 61439-6
Width	92 mm
Depth	27.5 mm
Colour	White (RAL 9001)
Net weight	7.3 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 (100 % of In) 35...40 °C (97 % of In) 40...45 °C (94 % of In) 45...50 °C (91 % of In) 50...55 °C (87 % of In)

Packing Units

Package 1 Weight	6.000 kg
Package 1 Height	0.400 dm
Package 1 width	1.000 dm
Package 1 Length	31.000 dm

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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