

### 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	4
Length	2 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	5.2 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

Unit Type of Package 1	PCE
Number of Units in Package 1	1
Package 1 Weight	5.5 kg
Package 1 Height	3.5 cm
Package 1 width	10 cm
Package 1 Length	210 cm
Unit Type of Package 2	BB1
Number of Units in Package 2	4
Package 2 Weight	22.8 kg
Package 2 Height	11 cm
Package 2 width	16 cm
Package 2 Length	214.5 cm
Unit Type of Package 3	PAL
Number of Units in Package 3	48
Package 3 Weight	287.16 kg
Package 3 Height	45.4 cm
Package 3 width	68 cm
Package 3 Length	220 cm

## Offer Sustainability

Sustainable offer status	Green Premium product
REACH Regulation	 <a href="#">REACH Declaration</a>
REACH free of SVHC	Yes
EU RoHS Directive	Compliant  <a href="#">EU RoHS Declaration</a>
Toxic heavy metal free	Yes
Mercury free	Yes
RoHS exemption information	 <a href="#">Yes</a>
China RoHS Regulation	 <a href="#">China RoHS Declaration</a>
Environmental Disclosure	 <a href="#">Product Environmental Profile</a>
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
----------	-----------