



### Main

Range of product	Canalis
Product name	KS
Product or component type	Busbar trunking
Busbar description	Distribution length
BAR MATERIAL	Aluminium
Device application	Medium power distribution
[Ie] rated operational current	100 A at 35 °C
Number of tap-off outlets	10

### Complementary

[Ue] rated operational voltage	230...690 V
Network frequency	50/60 Hz
[Uimp] rated impulse withstand voltage	8 kV
[Ui] rated insulation voltage	690 V
[Icw] rated short-time withstand current	2.6 kA
[Ipk] rated peak withstand current	15.7 kA
Electrical connection	Lubricated sliding contact
Radiated magnetic field	0.22 µT
Thermal stress limit	6.8 kA <sup>2</sup> .s
THDI	0...15 % 100 A 15...33 % 80 A 33...100 % 63 A
Maximum voltage drop	<0.138 V with power factor = 1 at 50 Hz with 1A for 100 m long <0.13 V with power factor = 0.9 at 50 Hz with 1A for 100 m long <0.118 V with power factor = 0.8 at 50 Hz with 1A for 100 m long <0.106 V with power factor = 0.7 at 50 Hz with 1A for 100 m long
Mounting mode	By screws
Mounting position	Horizontal
Neutral position	Up
Busbar trunking polarity	3L + N + PE
Dimension type	Fix
Width	146 mm
Depth	54 mm
Length	5 m
Net weight	19.2 kg

### Environment

Standards	IEC 60439-2 IEC 61439-6
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## Packing Units

Unit Type of Package 1	PCE
Number of Units in Package 1	1
Package 1 Weight	19.2 kg
Package 1 Height	6.4 cm
Package 1 width	16 cm
Package 1 Length	509 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
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