



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	500 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	26.2 kA
[Ipk] rated peak withstand current	55 kA
Electrical connection	Lubricated sliding contact
Radiated magnetic field	0.66 µT
Thermal stress limit	733 kA².s
THDI	0...15 % 500 A 15...33 % 400 A 33...100 % 315 A
Maximum voltage drop	<0.013 V with power factor = 1 at 50 Hz with 1A for 100 m long <0.014 V with power factor = 0.9 at 50 Hz with 1A for 100 m long <0.014 V with power factor = 0.8 at 50 Hz with 1A for 100 m long <0.013 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	113 mm
Length	3 m
Net weight	34.9 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	35.9 kg
Package 1 Height	17 cm
Package 1 width	12 cm
Package 1 Length	313.74 cm
Unit Type of Package 2	CAR
Number of Units in Package 2	1
Package 2 Weight	36.9 kg
Package 2 Height	12 cm
Package 2 width	16 cm
Package 2 Length	317 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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