



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	6

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 kA².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 3L + PEN
Dimension type	Fix
Width	146 mm
Depth	54 mm
Length	3 m
Net weight	12.1 kg

Environment

Standards	IEC 61439-6 IEC 60439-2
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Packing Units

Unit Type of Package 1	PCE
Number of Units in Package 1	1
Package 1 Weight	11 kg
Package 1 Height	16.6 cm
Package 1 width	7.3 cm
Package 1 Length	311 cm
Unit Type of Package 2	B3M
Number of Units in Package 2	20
Package 2 Weight	240 kg
Package 2 Height	50 cm
Package 2 width	64 cm
Package 2 Length	320 cm
Unit Type of Package 3	PAL
Number of Units in Package 3	20
Package 3 Weight	240 kg
Package 3 Height	50 cm
Package 3 width	64 cm
Package 3 Length	320 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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