

### 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	400 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	18.8 kA
[Ipk] rated peak withstand current	49.2 kA
Electrical connection	Lubricated sliding contact
Radiated magnetic field	1 µT
Thermal stress limit	354 kA².s
THDI	0...15 % 400 A 15...33 % 315 A 33...100 % 250 A
Maximum voltage drop	<0.022 V with power factor = 0.9 at 50 Hz with 1A for 100 m long <0.022 V with power factor = 0.8 at 50 Hz with 1A for 100 m long <0.021 V with power factor = 0.7 at 50 Hz with 1A for 100 m long <0.018 V with power factor = 1 at 50 Hz with 1A for 100 m long
Mounting mode	By screws
Mounting position	Vertical - neutral on right
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	20.4 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	20 kg
Package 1 Height	17 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	420 kg
Package 2 Height	49.5 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	420 kg
Package 3 Height	49.5 cm
Package 3 width	64 cm
Package 3 Length	320 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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