



### Main

Range of product	Canalis
Product name	KS
Product or component type	Busbar trunking
Busbar description	Distribution length
BAR MATERIAL	Copper
Device application	Medium power distribution
[Ie] rated operational current	800 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	37.4 kA
[Ipk] rated peak withstand current	78.7 kA
Electrical connection	Lubricated sliding contact
Radiated magnetic field	1.12 µT
Thermal stress limit	1758 kA <sup>2</sup> .s
THDI	0...15 % 800 A 15...33 % 630 A 33...100 % 500 A
Maximum voltage drop	<0.0083 V with power factor = 1 at 50 Hz with 1A for 100 m long <0.008 V with power factor = 0.9 at 50 Hz with 1A for 100 m long <0.0079 V with power factor = 0.8 at 50 Hz with 1A for 100 m long <0.0078 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	76.3 kg

### Environment

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

Package 1 Weight	76.300 kg
Package 1 Height	1.500 dm
Package 1 width	1.200 dm
Package 1 Length	31.375 dm