



## Main

Range of product	Canalis
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Product name	KS
Product or component type	Busbar trunking
Busbar description	Rising main
Device short name	KSA
Material	Aluminium
Device application	Rise medium power distribution
[Ie] rated operational current	800 A 35 °C
Number of tap-off outlets	3

## 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
Voltage drop	<= 0.008 V 1 50 Hz with 1A for 100 m long <= 0.009 V 0.9 50 Hz with 1A for 100 m long <= 0.009 V 0.8 50 Hz with 1A for 100 m long <= 0.009 V 0.7 50 Hz with 1A for 100 m long

Linear resistance	R20 0.06 mΩ/m 20 °C L 50/60 Hz R1 0.09 mΩ/m 35 °C at Inc L 50/60 Hz Z1 0.11 mΩ/m 35 °C at Inc L 50/60 Hz R0 0.32 mΩ/m 20 °C symmetrical components method L - N 50/60 Hz X0 0.31 mΩ/m 20 °C symmetrical components method L - N 50/60 Hz Z0 0.45 mΩ/m 20 °C symmetrical components method L - N 50/60 Hz R0 0.35 mΩ/m 20 °C symmetrical components method L - PE 50/60 Hz X0 0.43 mΩ/m 20 °C symmetrical components method L - PE 50/60 Hz Z0 0.56 mΩ/m 20 °C symmetrical components method L - PE 50/60 Hz Rb0 0.18 mΩ/m 20 °C at Inc with impedance method L - L 50/60 Hz Rb0 0.23 mΩ/m 20 °C at Inc with impedance method L - N 50/60 Hz Rb0 0.28 mΩ/m 20 °C at Inc with impedance method L - PE 50/60 Hz Rb1 0.25 mΩ/m 35 °C at Inc with impedance method L - L 50/60 Hz Rb1 0.32 mΩ/m 35 °C at Inc with impedance method L - N 50/60 Hz Rb1 0.39 mΩ/m 35 °C at Inc with impedance method L - PE 50/60 Hz Xb 0.13 mΩ/m 35 °C at Inc and 50 Hz with impedance method L - L 50/60 Hz Xb 0.18 mΩ/m 35 °C at Inc and 50 Hz with impedance method L - N 50/60 Hz Xb 0.23 mΩ/m 35 °C at Inc and 50 Hz with impedance method L - PE 50/60 Hz
Mounting mode	By screws
Mounting position	Vertical - neutral on right
Neutral position	Right
Busbar trunking polarity	3L + N + PE
Dimension type	Fix
Width	146 mm
Depth	113 mm
Height	1.5 m
Product weight	21.55 kg

## Environment

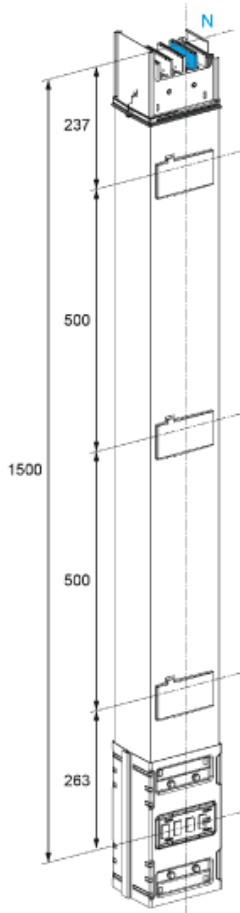
Standards	IEC 61439-6 IEC 60439-2
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## Offer Sustainability

Sustainable offer status	Green Premium product
RoHS (date code: YYWW)	Compliant - since 1009 - Schneider Electric declaration of conformity <a href="#">Schneider Electric declaration of conformity</a>
REACH	Reference not containing SVHC above the threshold
Product environmental profile	Available <a href="#">Product Environmental Profile</a>
Product end of life instructions	Need no specific recycling operations

## Contractual warranty

Warranty period	18 months
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Product Life Status : Commercialised