

# Product data sheet

Specifications



Vertical transport length, Canalis KSA630, aluminium, 500/630A, made to measure length 0.5-1.9m, 3L+N+PE, white RAL9001

KSA630CM4A

## Main

Range	Canalis
Device Short Name	KSA
Offer Type	Rising main
Product Or Component Type	Busbar trunking
Busbar Description	Vertical transport length
Product Compatibility	Canalis KSA busbar trunking 500...1000 A
Conductors Material	Aluminium
Busbar Trunking Polarity	3L + N + PE
Number Of Tap-Off Outlets	0
[Ie] Rated Operational Current	630 A at 35 °C
Ip Degree Of Protection	IP55 conforming to IEC 60529
Mounting Mode	By screws
Dimension Type	Made to measure
Length	0.5...1.9 m
Colour	White (RAL 9001)

## Complementary

Number Of Poles	4
Neutral Position	Right
Mounting Position	Vertical
[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	32.1 kA
[Ipk] Rated Peak Withstand Current	67.5 kA
Electrical Connection	Lubricated sliding contact
Width	113 mm
Height	146 mm
Net Weight	30 kg
Radiated Magnetic Field	0.89 µT

Disclaimer: This documentation is not intended as a substitute for and is not to be used for determining suitability or reliability of these products for specific user applications

Thermal Stress Limit	1225000 kA².s
Thdi	0...15 % 630 A 15...33 % 500 A 33...100 % 400 A
Maximum Voltage Drop	<0.011 V with power factor = 1 at 50 Hz with 1A for 100 m long <0.013 V with power factor = 0.9 at 50 Hz with 1A for 100 m long <0.013 V with power factor = 0.8 at 50 Hz with 1A for 100 m long <0.012 V with power factor = 0.7 at 50 Hz with 1A for 100 m long
Standards	IEC 61439-1 IEC 61439-6

## Environment

Ik Degree Of Protection	IK08 conforming to IEC 62262
Ambient Air Temperature For Operation	35 °C (without derating) 55 °C (with derating factor)

## Packing Units

Unit Type Of Package 1	PCE
Number Of Units In Package 1	1
Package 1 Height	17.3 cm
Package 1 Width	12.2 cm
Package 1 Length	195.0 cm
Package 1 Weight	36.0 kg

## Sustainability

**Green Premium™ label** is Schneider Electric's commitment to delivering products with best-in-class environmental performance. Green Premium promises compliance with the latest regulations, transparency on environmental impacts, as well as circular and low-CO<sub>2</sub> products.

**Guide to assessing product sustainability** is a white paper that clarifies global eco-label standards and how to interpret environmental declarations.

[Learn more about Green Premium >](#)

[Guide to assess a product's sustainability >](#)



Transparency   RoHS/REACH

## Well-being performance

✓ Reach Free Of Svhc

✓ Toxic Heavy Metal Free

✓ Mercury Free

✓ Rohs Exemption Information   Yes

## Certifications & Standards

Reach Regulation	<a href="#">REACH Declaration</a>
Eu Rohs Directive	Compliant <a href="#">EU RoHS Declaration</a>
China Rohs Regulation	<a href="#">China RoHS declaration</a> Pro-active China RoHS declaration (out of China RoHS legal scope)
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
Circularity Profile	No need of specific recycling operations