Product datasheet

Specifications

Vertical distribution length, Canalis KSA500, aluminium, 500A, fixed length 2.5m, 4 outlets, 3L+N+PE, white RAL9001

KSA500EV4254

Main

Range	Canalis
Device Short Name	KSA
Offer Type	Rising main
Product Or Component Type	Busbar trunking
Busbar Description	Vertical distribution length
Product Compatibility	Canalis KSA busbar trunking 500…1000 A
Conductors Material	Aluminium
Busbar Trunking Polarity	3L + N + PE
Number Of Tap-Off Outlets	4
[Ie] Rated Operational Current	500 A at 35 °C
Ip Degree Of Protection	IP55 conforming to IEC 60529
Mounting Mode	By screws
Dimension Type	Fix
Length	2.5 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	26.2 kA
[Ipk] Rated Peak Withstand Current	55 kA
Electrical Connection	Lubricated sliding contact
Width	113 mm
Height	146 mm
Net Weight	28 kg
Tap-Off Unit Interval	500 mm

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

Radiated Magnetic Field	0.66 µT
Thermal Stress Limit	733000 kA².s
Thdi	0…15 % 500 A 15…33 % 400 A 33…100 % 315 A
Maximum Voltage Drop	<0.013 V with power factor = 1 at 50 Hz with 1A for 100 m long <0.014 V with power factor = 0.9 at 50 Hz with 1A for 100 m long <0.014 V with power factor = 0.8 at 50 Hz with 1A for 100 m long <0.013 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	12.2 cm
Package 1 Width	16.8 cm
Package 1 Length	263.8 cm
Package 1 Weight	34.7 kg

Contractual warranty

Warranty	18 months

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_2 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
Halogen Free Product	

Certifications & Standards

Reach Regulation	REACh Declaration
Eu Rohs Directive	Compliant EU RoHS Declaration
China Rohs Regulation	China RoHS declaration Pro-active China RoHS declaration (out of China RoHS legal scope)
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
Circularity Profile	No need of specific recycling operations