Product datasheet

Specifications





Horizontal distribution length, Canalis KSA500, aluminium, 500A, fixed length 5m, 10 outlets, 3L+N+PE, white RAL9001

KSA500ED45010

Main

mann	
Range	Canalis
Device Short Name	KSA
Offer Type	Classic
Product Or Component Type	Busbar trunking
Busbar Description	Horizontal distribution length
Product Compatibility	Canalis KSA busbar trunking 5001000 A
Conductors Material	Aluminium
Busbar Trunking Polarity	3L + N + PE
Number Of Tap-Off Outlets	10
[le] 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	5 m
Colour	White (RAL 9001)

Complementary

Number Of Poles	4
Neutral Position	Up
Mounting Position	Horizontal
[Ue] Rated Operational Voltage	230690 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
[lpk] Rated Peak Withstand Current	55 kA
Electrical Connection	Lubricated sliding contact
Width	113 mm
Height	146 mm
Net Weight	54.5 kg
Tap-Off Unit Interval	1000 mm

Radiated Magnetic Field	0.66 µT	
Thermal Stress Limit	733000 kA².s	
Thdi	015 % 500 A 1533 % 400 A	
Maximum Voltage Drop	33100 % 315 A 	
	<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	35 °C (without derating)
Operation	55 °C (with derating factor)

Packing Units

Unit Type Of Package 1	PCE
Number Of Units In Package 1	1
Package 1 Height	11.1 cm
Package 1 Width	14.5 cm
Package 1 Length	517.6 cm
Package 1 Weight	53.0 kg
Unit Type Of Package 2	PAL
Number Of Units In Package 2	12
Package 2 Height	49.0 cm
Package 2 Width	64.0 cm
Package 2 Length	518.0 cm
Package 2 Weight	686.0 kg

Contractual warranty

Warranty

18 months

Sustainability Screen Premium

Green PremiumTM label is Schneider Electric's commitment to delivering products with best-inclass environmental performance. Green Premium promises compliance with the latest regulations, transparency on environmental impacts, as well as circular and low-CO₂ 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