Product datasheet

Specification





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 5001000 A	
Conductors Material	Aluminium	
Busbar Trunking Polarity	3L + N + PE	
Number Of Tap-Off Outlets	er Of Tap-Off Outlets 4	
[le] Rated Operational Current	rent 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	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	28 kg
Tap-Off Unit Interval	500 mm

Radiated Magnetic Field	0.66 μΤ	
Thermal Stress Limit	733000 kA².s	
Thdi	015 % 500 A	
	1533 % 400 A	
	33100 % 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



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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