

Product datasheet

Specifications



STRAIGHT DISTRIBUTION LENGTH 5M 500 A

Local distributor code: 389356666 KSA500ED45018

Main

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 500...1000 A
Conductors material	Aluminium
Busbar trunking polarity	3L + N + PE
Number of tap-off outlets	18
[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	5 m
Colour	White (RAL 9001)

Complementary

Number of poles	4
Neutral position	Up
Mounting position	Horizontal
[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	54.5 kg
Tap-off unit interval	500 mm
Radiated magnetic field	0.66 µT
Thermal stress limit	733 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 61439-2 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 Weight	55.5 kg
Package 1 Height	12 cm
Package 1 width	17 cm
Package 1 Length	513.75 cm
Unit Type of Package 2	CAR
Number of Units in Package 2	1
Package 2 Weight	56.25 kg
Package 2 Height	14.5 cm
Package 2 width	17 cm
Package 2 Length	514 cm

Offer Sustainability

Sustainable offer status	Green Premium product
REACH Regulation	REACH Declaration
REACH free of SVHC	Yes
EU RoHS Directive	Compliant EU RoHS Declaration
Toxic heavy metal free	Yes
Mercury free	Yes
RoHS exemption information	Yes
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

Halogen content performance	Halogen free product
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Contractual warranty

Warranty	18 months
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