KSA100ED43012
STRAIGHT DISTRIBUTION LENGTH 3M 100 A

Green Premium™ Product

Main

Range of product	Canalis
Product name	KS
Product or component type	Busbar trunking
Busbar description	Distribution length
BAR MATERIAL	Aluminium
Device application	Medium power distribution
[Ie] rated operational current	100 A at 35 °C
Number of tap-off outlets	12

Complementary

[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	2.6 kA
[Ipk] rated peak withstand current	15.7 kA
Electrical connection	Lubricated sliding contact
Radiated magnetic field	0.22 µT
Thermal stress limit	6.8 kA².s
THDI	0…15 % 100 A 15…33 % 80 A 33…100 % 63 A
Maximum voltage drop	<0.138 V with power factor = 1 at 50 Hz with 1A for 100 m long <0.13 V with power factor = 0.9 at 50 Hz with 1A for 100 m long <0.118 V with power factor = 0.8 at 50 Hz with 1A for 100 m long <0.106 V with power factor = 0.7 at 50 Hz with 1A for 100 m long
Mounting mode	By screws
Mounting position	Horizontal
Neutral position	Up
Busbar trunking polarity	3L + N + PE
Dimension type	Fix
Width	146 mm
Depth	54 mm
Length	3 m
Net weight	12.1 kg

Environment

Standards	IEC 61439-6 IEC 60439-2

Packing Units

Package 1 Weight	12.100 kg
Package 1 Height	1.600 dm
Package 1 width	0.640 dm
Package 1 Length	30.900 dm

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
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

Contractual warranty

Warranty	18 months

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