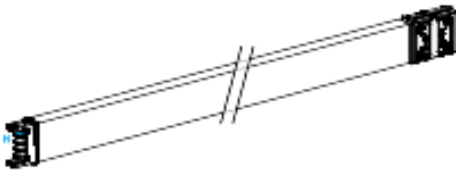
Product data sheet
Characteristics

KSA400ET450
Horizontal transport length, Canalis KSA400, aluminium, 400A, fixed length 5m, 3L+N+PE, white RAL9001



Main

Range	Canalis
Device short name	KSA
Offer type	Advanced
Product or component type	Busbar trunking
Busbar description	Horizontal transport length
Product compatibility	Canalis KSA busbar trunking 400 A
Material	Aluminium
Busbar trunking polarity	3L + N + PE
Number of tap-off outlets	0
[Ie] rated operational current	400 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	18.8 KA
[Ipk] rated peak withstand current	49.2 KA
Electrical connection	Lubricated sliding contact
Width	54 Mm
Height	146 Mm
Net weight	32.85 Kg
Radiated magnetic field	1 MT
Thermal stress limit	354000 KA².S
THDI	0…15 % 400 A 15…33 % 315 A 33…100 % 250 A

Maximum voltage drop	<0.022 V with power factor = 0.9 at 50 Hz with 1A for 100 m long <0.022 V with power factor = 0.8 at 50 Hz with 1A for 100 m long <0.021 V with power factor = 0.7 at 50 Hz with 1A for 100 m long <0.018 V with power factor = 1 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	16 Cm
Package 1 Width	6.4 Cm
Package 1 Length	509 Cm
Package 1 Weight	32.85 Kg

Offer Sustainability

REACh free of SVHC	Yes
Toxic heavy metal free	Yes
Mercury free	Yes
Sustainable packaging	Yes
Environmental Disclosure	Product Environmental Profile
Packaging made with recycled cardboard	Yes
Packaging without single use plastic	Yes
REACh Regulation	Free of Substances of Very High Concern above the threshold
EU RoHS Directive	Compliant
Halogen-free status	Halogen free product
PVC free	Yes
Silicone-free	Yes
End of life manual availability	No need of specific recycling operations
Take-back	No
WEEE Label	The product must be disposed on European Union markets following specific waste collection and

Contractual warranty

Warranty (in months)	18

Product Life Status : Commercialised