Product data sheet
Characteristics

KSA250ED45010
Horizontal distribution length, Canalis KSA250, aluminium, 250A, fixed length 5m, 10 outlets, 3L+N+PE, white RAL9001



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 100…250 A
Material	Aluminium
Busbar trunking polarity	3L + N + PE
Number of tap-off outlets	10
[Ie] rated operational current	250 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	10 KA
[Ipk] rated peak withstand current	28 KA
Electrical connection	Lubricated sliding contact
Width	54 Mm
Height	146 Mm
Net weight	24.9 Kg
Tap-off unit interval	1000 Mm
Radiated magnetic field	0.69 MT
Thermal stress limit	100000 $KA^2.S$
THDI	0…15 % 250 A 15…33 % 200 A 33…100 % 160 A

Maximum voltage drop	<0.034 V with power factor = 1 at 50 Hz with 1A for 100 m long <0.036 V with power factor = 0.9 at 50 Hz with 1A for 100 m long <0.035 V with power factor = 0.8 at 50 Hz with 1A for 100 m long <0.034 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	17.000 Cm
Package 1 Width	7.200 Cm
Package 1 Length	511.000 Cm
Package 1 Weight	23.000 Kg
Unit Type of Package 2	PAL
Number of Units in Package 2	20
Package 2 Height	47.000 Cm
Package 2 Width	64.000 Cm
Package 2 Length	520.000 Cm
Package 2 Weight	482.000 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