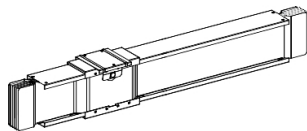


Product data sheet

Specifications



Straight length, Canalis KTA,
aluminium, 1250A, 3L+PE, fixed
length 2m, 1 outlet for bolt on tap off
unit, RAL9001

KTA1250EB320

Main

Range	Canalis
Product Name	KT
Product Or Component Type	Busbar trunking
Busbar Description	Distribution length
Device Short Name	KTA
Tap-Off Unit Compatibility	Bolt-on tap-off unit from Canalis - KT
Device Application	High power distribution
Material	Aluminium
[Ie] Rated Operational Current	1250 A at 35 °C
Polarity	3L + PE
Number Of Tap-Off Outlets	1
Nominal Output Current	400...1250 A
Earth Conductor	Standard earth
Short-Circuit Level	Standard version
Length	2000 mm
Provided Equipment	Joining unit Trunking unit

Complementary

Housing Material	Polyester film
Contacts Material	Copper
[Ue] Rated Operational Voltage	1000 V
Network Frequency	50/60 Hz
[Ui] Rated Insulation Voltage	1000 V
[Icw] Rated Short-Time Withstand Current	50 kA
[Ipk] Rated Peak Withstand Current	110 kA
Electrical Connection	Bolted connection
Radiated Magnetic Field	0.75 µT
Thermal Stress Limit	2500000 kA².s
Thdi	0...15 % 1250 A 15...33 % 1600 A 33...100 % 2000 A

Disclaimer: This documentation is not intended as a substitute for and is not to be used for determining suitability or reliability of these products for specific user applications

Maximum Voltage Drop	<0.0049 V with power factor = 1 at 50 Hz with 1A for 100 m long <0.005 V with power factor = 0.9 at 50 Hz with 1A for 100 m long <0.0047 V with power factor = 0.8 at 50 Hz with 1A for 100 m long <0.0043 V with power factor = 0.7 at 50 Hz with 1A for 100 m long
Mounting Mode	By hook
Mounting Support	Pendant Cantilever arm
Installation Direction	Horizontal Vertical
Neutral Position	Right
Standards	IEC 61439-1 IEC 61439-6
Dimension Type	Fix
Width	140 mm
Height	124 mm
Colour	White (RAL 9001)
Net Weight	32 kg
Linear Load	16 kg/m

Environment

Ip Degree Of Protection	IP55 conforming to IEC 60529
Ik Degree Of Protection	IK08 conforming to IEC 62262
Derating Factor	0...35 °C (100 % of In) 35...40 °C (97 % of In) 40...45 °C (93 % of In) 45...50 °C (90 % of In) 50...55 °C (86 % of In)

Packing Units

Unit Type Of Package 1	PCE
Number Of Units In Package 1	1
Package 1 Height	12.4 cm
Package 1 Width	14.0 cm
Package 1 Length	200.0 cm
Package 1 Weight	36.0 kg