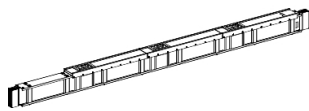# Product datasheet

Specifications

Straight distribution length, Canalis KTA, aluminium, 3200A, 3L+N+PE, fixed length 4m, 3 KH tap off units, RAL9001

KTA3200EH440

Main

Range	Canalis
Product Name	KT
Product Or Component Type	Busbar trunking
Busbar Description	Distribution length
Device Short Name	KTA
Tap-Off Unit Compatibility	Plug-in tap-off unit from Canalis KH
Device Application	High power distribution
Material	Aluminium
[Ie] Rated Operational Current	3200 A at 35 °C
Polarity	3L + N + PE
Number Of Tap-Off Outlets	3
Nominal Output Current	100…630 A
Earth Conductor	Standard earth
Short-Circuit Level	Standard version
Length	4000 mm
Provided Equipment	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	86 kA
[Ipk] Rated Peak Withstand Current	189 kA
Electrical Connection	Sliding contact
Radiated Magnetic Field	2.1 µT
Thermal Stress Limit	7396000 kA².s
Thdi	0…15 % 3200 A 15…33 % 4000 A

Maximum Voltage Drop	<0.0018 V with power factor = 1 at 50 Hz with 1A for 100 m long
	<0.0019 V with power factor = 0.9 at 50 Hz with 1A for 100 m long
	<0.0018 V with power factor = 0.8 at 50 Hz with 1A for 100 m long
	<0.0017 V with power factor = 0.7 at 50 Hz with 1A for 100 m long
Mounting Mode	By hook
Mounting Support	Cantilever arm
	Pendant
Installation Direction	Vertical
	Horizontal
Neutral Position	Right
Tap-Off Unit Interval	1000 mm
Standards	IEC 61439-1
	IEC 61439-6
Dimension Type	Fix
Width	140 mm
Height	324 mm
Colour	White (RAL 9001)
Net Weight	148 kg
Linear Load	37 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	324 cm
Package 1 Width	140 cm
Package 1 Length	400 cm
Package 1 Weight	156 kg