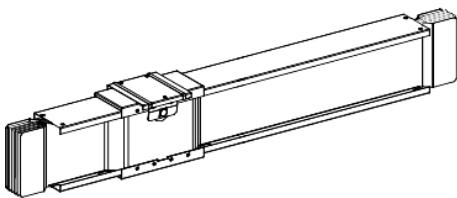


Product data sheet

Characteristics

KTA0800EB720

Straight length, Canalis KTA, aluminium, 800A, 3L+N+PER, high Icw, fixed length 2m, 1 outlet for bolt on tap off unit



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	800 A at 35 °C
Polarity	3L + N + PER
Number of tap-off outlets	1
Nominal output current	400...800 A
Earth conductor	Reinforced
Short-circuit level	Reinforced version
Length	2000 mm
Provided equipment	Trunking unit Jointing 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	35 kA
[Ipk] rated peak withstand current	73 kA
Electrical connection	Bolted connection
Radiated magnetic field	0.4 µT
Thermal stress limit	1225000 kA ² .s
THDI	0...15 % 800 A 15...33 % 1000 A 33...100 % 1250 A
Maximum voltage drop	<0.0083 V with power factor = 1 at 50 Hz with 1A for 100 m long <0.0081 V with power factor = 0.9 at 50 Hz with 1A for 100 m long <0.0076 V with power factor = 0.8 at 50 Hz with 1A for 100 m long <0.0069 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	Horizontal Vertical
Neutral position	Right
Standards	IEC 61439-6 IEC 61439-1
Dimension type	Fix
Width	140 mm

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Height	74 mm
Colour	White (RAL 9001)
Net weight	30 kg
Linear load	15 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	7.4 cm
Package 1 Width	200.0 cm
Package 1 Length	14.0 cm
Package 1 Weight	31.0 kg