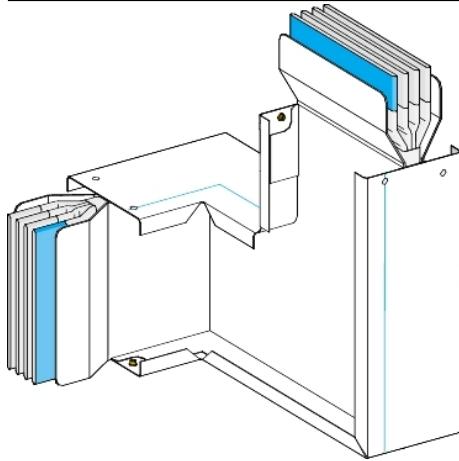


Product data sheet

Characteristics

KTA3200CP71

Edgewise and flat zed unit, Canalis KTA, aluminium, 3200A, 3L+N+PER (Cu), high Icw, made to measure, neutral N1, RAL9001



Main

Range	Canalis
Product name	KT
Product or component type	Multiple elbow
Busbar description	Standard
Device short name	KTA
Device application	Change direction
Material	Aluminium
[Ie] rated operational current	3200 A at 35 °C
Polarity	3L + N + PER
Direction change type	Direction 1: flat to right Direction 2: edgewise to upward
Operating angle	90 °
Earth conductor	Reinforced
Short-circuit level	Reinforced version
Provided equipment	Jointing 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	113 kA
[Ipk] rated peak withstand current	248 kA
Radiated magnetic field	2.1 µT
Thermal stress limit	12769000 kA ² .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
Neutral position	Right
Standards	IEC 61439-6 IEC 61439-1
Dimension type	Made to measure
Width	140 mm
Height	Direction 2: 320...699 mm
Colour	White (RAL 9001)
Length	Direction 1: 300 mm Direction 3: 400 mm
Linear load	46 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 I_n) 35...40 °C (97 % of I_n) 40...45 °C (93 % of I_n) 45...50 °C (90 % of I_n) 50...55 °C (86 % of I_n)

Packing Units

Unit Type of Package 1	PCE
Number of Units in Package 1	1
Package 1 Height	35.0 cm
Package 1 Width	103.2 cm
Package 1 Length	64.2 cm
Package 1 Weight	71.7 kg