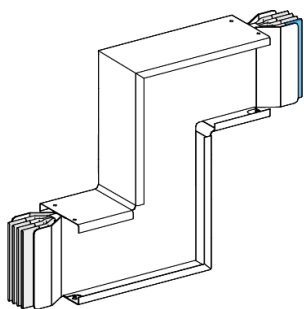


Product data sheet

Specifications



Edgewise zed unit, Canalis KTA, aluminium, 4000A, 3L+N+PER (Al), made to measure, neutral N1, white RAL9001

KTA4000ZC51

Main

Range	Canalis
Product Name	KT
Product Or Component Type	Zed elbow
Busbar Description	Standard
Device Short Name	KTA
Device Application	Change direction
Material	Aluminium
[Ie] Rated Operational Current	4000 A at 35 °C
Polarity	3L + N + PER
Direction Change Type	direction 1: edgewise to upward direction 2: edgewise to horizontal
Operating Angle	90 °
Earth Conductor	Reinforced
Short-Circuit Level	Standard 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	90 kA
[Ipk] Rated Peak Withstand Current	198 kA
Radiated Magnetic Field	3 µT
Thermal Stress Limit	8100000 kA².s
Thdi	0...15 % 4000 A
Maximum Voltage Drop	<0.0015 V with power factor = 1 at 50 Hz with 1A for 100 m long <0.0016 V with power factor = 0.9 at 50 Hz with 1A for 100 m long <0.0015 V with power factor = 0.8 at 50 Hz with 1A for 100 m long <0.0015 V with power factor = 0.7 at 50 Hz with 1A for 100 m long
Neutral Position	Right

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

Standards	IEC 61439-1 IEC 61439-6
Dimension Type	Made to measure
Width	140 mm
Height	direction 2: 90...879 mm
Colour	White (RAL 9001)
Length	direction 3: 440 mm direction 1: 440 mm
Linear Load	45 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	14.0 cm
Package 1 Width	140.4 cm
Package 1 Length	96.0 cm
Package 1 Weight	120.8 kg