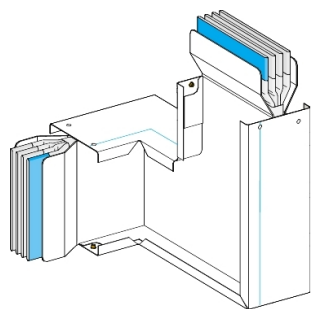


Product data sheet

Specifications



Edgewise and flat zed unit, Canalys KTC, copper, 5000A, 3L+N+PER (Cu), high l_{cw}, made to measure, neutral N2, RAL9001

KTC5000CP72

Main

Range	Canalis
Product Name	KT
Product Or Component Type	Multiple elbow
Busbar Description	Standard
Device Short Name	KTC
Device Application	Change direction
Material	Copper
[I _e] Rated Operational Current	5000 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	Trunking unit Jointing unit

Complementary

Housing Material	Polyester film
Contacts Material	Copper
[U _e] Rated Operational Voltage	1000 V
Network Frequency	50/60 Hz
[U _i] Rated Insulation Voltage	1000 V
[I _{cw}] Rated Short-Time Withstand Current	120 kA
[I _{pk}] Rated Peak Withstand Current	264 kA
Radiated Magnetic Field	3 μT
Thermal Stress Limit	14400000 kA².s
Thdi	33...100 % 3200 A 15...33 % 4000 A 0...15 % 5000 A
Maximum Voltage Drop	<0.0008 V with power factor = 1 at 50 Hz with 1A for 100 m long <0.001 V with power factor = 0.9 at 50 Hz with 1A for 100 m long <0.001 V with power factor = 0.8 at 50 Hz with 1A for 100 m long <0.001 V with power factor = 0.7 at 50 Hz with 1A for 100 m long

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

Neutral Position	Left
Standards	IEC 61439-1 IEC 61439-6
Dimension Type	Made to measure
Width	140 mm
Height	direction 2: 360...739 mm
Colour	White (RAL 9001)
Length	direction 1: 300 mm direction 3: 440 mm
Linear Load	114 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 (95 % of In) 40...45 °C (90 % of In) 45...50 °C (84 % of In) 50...55 °C (79 % of In)

Packing Units

Unit Type Of Package 1	PCE
Number Of Units In Package 1	1
Package 1 Height	35.0 cm
Package 1 Width	68.2 cm
Package 1 Length	107.2 cm
Package 1 Weight	191.2 kg