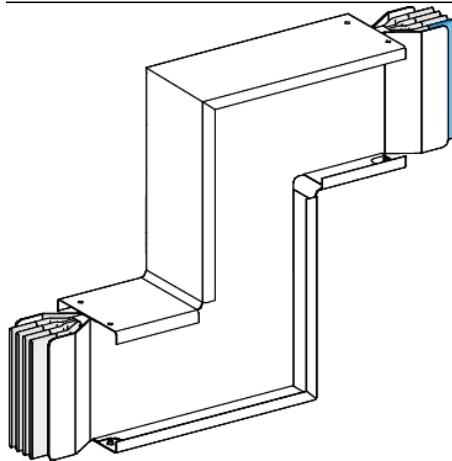


# Product data sheet

## Characteristics

# KTA1600ZC72

Edgewise zed unit, Canalis KTA, aluminium, 1600A, 3L+N+PER (Al), high Icw, made to measure, neutral N2, white RAL9001



### 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	1600 A at 35 °C
Polarity	3L + N + PER
Direction change type	Direction 2: edgewise to horizontal Direction 1: edgewise to downward
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
[Ue] rated operational voltage	1000 V
Network frequency	50/60 Hz
[Ui] rated insulation voltage	1000 V
[Icw] rated short-time withstand current	85 kA
[Ipk] rated peak withstand current	187 kA
Radiated magnetic field	0.9 µT
Thermal stress limit	7225000 kA <sup>2</sup> .s
THDI	0...15 % 1600 A 15...33 % 2000 A 33...100 % 2500 A
Maximum voltage drop	<0.0037 V with power factor = 1 at 50 Hz with 1A for 100 m long <0.0038 V with power factor = 0.9 at 50 Hz with 1A for 100 m long <0.0036 V with power factor = 0.8 at 50 Hz with 1A for 100 m long <0.0034 V with power factor = 0.7 at 50 Hz with 1A for 100 m long
Neutral position	Right
Standards	IEC 61439-1 IEC 61439-6
Dimension type	Made to measure
Width	140 mm
Height	Direction 2: 90...639 mm
Colour	White (RAL 9001)
Length	Direction 3: 320 mm Direction 1: 320 mm
Linear load	26 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	14.0 cm
Package 1 Width	76.0 cm
Package 1 Length	116.4 cm
Package 1 Weight	62.4 kg