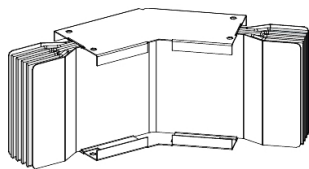


# Product data sheet

Specifications



Flat elbow, Canalis KTA, aluminium, 800A, 3L+N+PE, N2, 2 fixed branches, made to measure angle

KTA0800LP4C2

## Main

Range	Canalis
Product Name	KT
Product Or Component Type	Elbow
Busbar Description	Standard
Device Short Name	KTA
Device Application	Change direction
Material	Aluminium
[Ie] Rated Operational Current	800 A at 35 °C
Polarity	3L + N + PE
Direction Change Type	direction 1: flat to right
Operating Angle	91...179 °
Earth Conductor	Standard earth
Short-Circuit Level	Standard 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	31 kA
[Ipk] Rated Peak Withstand Current	64 kA
Radiated Magnetic Field	0.4 µT
Thermal Stress Limit	961000 kA².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
Neutral Position	Left

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	Fix
Width	140 mm
Height	74 mm
Length	direction 1: 300 mm direction 2: 300 mm
Colour	White (RAL 9001)
Linear Load	13 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	90.0 cm
Package 1 Length	90.0 cm
Package 1 Weight	13.5 kg