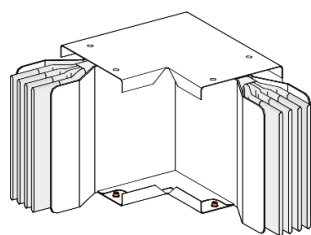


# Product data sheet

Specifications



Flat elbow, Canalis KTC, copper, 5000A, 3L+N+PER (Cu), high I<sub>cw</sub>, N1, 1 made to measure long branch, right angle

KTC5000LP7D1

## Main

Range	Canalis
Product Name	KT
Product Or Component Type	Elbow
Busbar Description	Standard
Device Short Name	KTC
Device Application	Change direction
Material	Copper
[Ie] Rated Operational Current	5000 A at 35 °C
Polarity	3L + N + PER
Direction Change Type	direction 1: flat to right
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
[I <sub>cw</sub> ] Rated Short-Time Withstand Current	120 kA
[I <sub>pk</sub> ] 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
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 long branch
Width	140 mm
Height	404 mm
Length	direction 1: 300 mm direction 2: 800...1400 mm
Colour	White (RAL 9001)
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 (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	40.4 cm
Package 1 Width	35.0 cm
Package 1 Length	145.0 cm
Package 1 Weight	203.49 kg

## Sustainability

**Green Premium™ label** is Schneider Electric's commitment to delivering products with best-in-class environmental performance. Green Premium promises compliance with the latest regulations, transparency on environmental impacts, as well as circular and low-CO<sub>2</sub> products.

**Guide to assessing product sustainability** is a white paper that clarifies global eco-label standards and how to interpret environmental declarations.

[Learn more about Green Premium >](#)

[Guide to assess a product's sustainability >](#)



Transparency   RoHS/REACH

## Well-being performance

✓ Mercury Free

✓ Rohs Exemption Information   [Yes](#)

## Certifications & Standards

Reach Regulation	<a href="#">REACH Declaration</a>
Eu Rohs Directive	Compliant with Exemptions
China Rohs Regulation	<a href="#">China RoHS declaration</a> Product out of China RoHS scope. Substance declaration for your information
Environmental Disclosure	<a href="#">Product Environmental Profile</a>
Weee	The product must be disposed on European Union markets following specific waste collection and never end up in rubbish bins
Circularity Profile	<a href="#">End of Life Information</a>