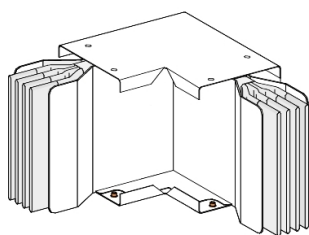


Product data sheet

Specifications



Flat elbow, Canalis KTC, copper, 5000A, 3L+N+PER (Al), N1, 1 made to measure long branch, right angle

KTC5000LP5D1

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	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	95 kA
[Ipk] Rated Peak Withstand Current	209 kA
Radiated Magnetic Field	3 µT
Thermal Stress Limit	9025000 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-CO₂ 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

[REACH Declaration](#)

Eu RoHS Directive

Compliant with Exemptions

China RoHS Regulation

[China RoHS declaration](#)

Product out of China RoHS scope. Substance declaration for your information

Environmental Disclosure

[Product Environmental Profile](#)

Weee

The product must be disposed on European Union markets following specific waste collection and never end up in rubbish bins

Circularity Profile

[End of Life Information](#)