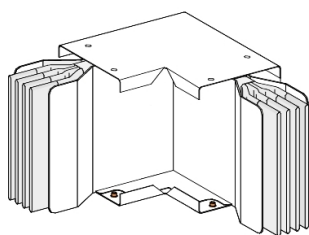


Product data sheet

Specifications



Flat elbow, Canalis KTC, copper,
5000A, 3L+PE, N2, 2 fixed
branches, right angle

KTC5000LP3A2

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 + PE
Direction Change Type	direction 1: flat to right
Operating Angle	90 °
Earth Conductor	Standard earth
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	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 61439-6 IEC 61439-1
Dimension Type	Fix
Width	140 mm
Height	404 mm
Length	direction 1: 300 mm direction 2: 300 mm
Colour	White (RAL 9001)
Linear Load	82 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	40.4 cm
Package 1 Width	35.0 cm
Package 1 Length	35.0 cm
Package 1 Weight	51.66 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](#)