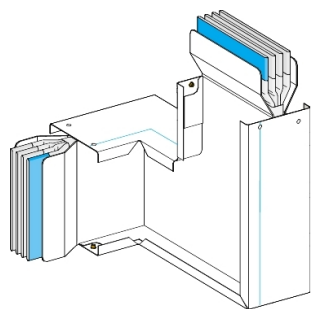# Product data sheet

Specifications

Edgewise and flat zed unit, Canalis KTC, copper, 1000A, 3L+PE, made to measure, neutral N2, white RAL9001

KTC1000CP32

Main

Range	Canalis
Product Name	KT
Product Or Component Type	Multiple elbow
Busbar Description	Standard
Device Short Name	KTC
Device Application	Change direction
Material	Copper
[Ie] Rated Operational Current	1000 A at 35 °C
Polarity	3L + PE
Direction Change Type	direction 1: flat to right direction 2: edgewise to upward
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	50 kA
[Ipk] Rated Peak Withstand Current	110 kA
Radiated Magnetic Field	0.4 µT
Thermal Stress Limit	2500000 kA².s
Thdi	0…15 % 1000 A
Maximum Voltage Drop	<0.0043 V with power factor = 1 at 50 Hz with 1A for 100 m long <0.0047 V with power factor = 0.9 at 50 Hz with 1A for 100 m long <0.0046 V with power factor = 0.8 at 50 Hz with 1A for 100 m long <0.0044 V with power factor = 0.7 at 50 Hz with 1A for 100 m long
Neutral Position	Left

Life Is On | Schneider Electric

Standards	IEC 61439-6
	IEC 61439-1
Dimension Type	Made to measure
Width	140 mm
Height	direction 2: 195…574 mm
Colour	White (RAL 9001)
Length	direction 1: 300 mm
	direction 3: 275 mm
Linear Load	19 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	31.7 cm
Package 1 Width	35.0 cm
Package 1 Length	70.7 cm
Package 1 Weight	34.2 kg

Life Is On | Schneider Electric

Sustainability

Green Premium^{TM} 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_2 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