Product datasheet

Specifications

Green Premium™

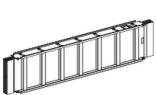## Straight transport length, Canalis KTC, copper, 1000A, 3L+N+PE, made to measure length 1.5-2m, white RAL9001

KTC1000ET42B

Main

Range	Canalis
Product Name	KT
Product Or Component Type	Busbar trunking
Busbar Description	Transport length
Device Short Name	KTC
Device Application	Feeder length
Material	Copper
[Ie] Rated Operational Current	1000 A at 35 °C
Polarity	3L + N + PE
Number Of Tap-Off Outlets	0
Earth Conductor	Standard earth
Short-Circuit Level	Standard version
Length	1501…1999 mm
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	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
Mounting Mode	By hook

Mounting Support	Pendant Cantilever arm
Installation Direction	Vertical Horizontal
Neutral Position	Right
Standards	IEC 61439-6 IEC 61439-1
Dimension Type	Made to measure
Width	146 mm
Height	104 mm
Colour	White (RAL 9001)
Linear Load	25 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	264.16 cm
Package 1 Width	14.6 cm
Package 1 Length	200.0 cm
Package 1 Weight	48.276 kg

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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