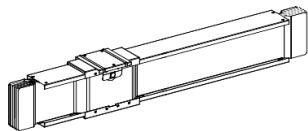


# Product data sheet

Specifications



Straight length, Canalis KTC, copper, 1600A, 3L+N+PER, fixed length 2m, 1 outlet for bolt on tap off unit, RAL9001

KTC1600EB520

## Main

Range	Canalis
Product Name	KT
Product Or Component Type	Busbar trunking
Busbar Description	Distribution length
Device Short Name	KTC
Tap-Off Unit Compatibility	Bolt-on tap-off unit from Canalis - KT
Device Application	High power distribution
Material	Copper
[Ie] Rated Operational Current	1600 A at 35 °C
Polarity	3L + N + PER
Number Of Tap-Off Outlets	1
Nominal Output Current	400...1250 A
Earth Conductor	Reinforced
Short-Circuit Level	Standard version
Length	2000 mm
Provided Equipment	Joining 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	65 kA
[Ipk] Rated Peak Withstand Current	143 kA
Electrical Connection	Bolted connection
Radiated Magnetic Field	0.75 µT
Thermal Stress Limit	4225000 kA².s
Thdi	0...15 % 1600 A 15...33 % 1350 A 33...100 % 1000 A

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

Maximum Voltage Drop	<0.0027 V with power factor = 0.7 at 50 Hz with 1A for 100 m long <0.0026 V with power factor = 1 at 50 Hz with 1A for 100 m long <0.0029 V with power factor = 0.9 at 50 Hz with 1A for 100 m long <0.0028 V with power factor = 0.8 at 50 Hz with 1A for 100 m long
Mounting Mode	By hook
Mounting Support	Cantilever arm Pendant
Installation Direction	Vertical Horizontal
Neutral Position	Right
Standards	IEC 61439-1 IEC 61439-6
Dimension Type	Fix
Width	140 mm
Height	124 mm
Colour	White (RAL 9001)
Net Weight	78 kg
Linear Load	39 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	12.4 cm
Package 1 Width	14.0 cm
Package 1 Length	200.0 cm
Package 1 Weight	93.0 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>