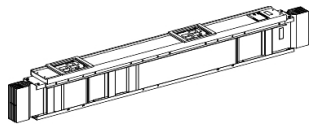


# Product data sheet

Specifications



Straight distribution length, Canalis KTC, copper, 4000A, 3L+N+PE, fixed length 2m, 2 KH tap off units, RAL9001

KTC4000EH420

## Main

Range	Canalis
Product Name	KT
Product Or Component Type	Busbar trunking
Busbar Description	Distribution length
Device Short Name	KTC
Tap-Off Unit Compatibility	Plug-in tap-off unit from Canalis KH
Device Application	High power distribution
Material	Copper
[Ie] Rated Operational Current	4000 A at 35 °C
Polarity	3L + N + PE
Number Of Tap-Off Outlets	2
Nominal Output Current	100...630 A
Earth Conductor	Standard earth
Short-Circuit Level	Standard version
Length	2000 mm
Provided Equipment	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	120 kA
[Ipk] Rated Peak Withstand Current	264 kA
Electrical Connection	Sliding contact
Radiated Magnetic Field	2.1 µT
Thermal Stress Limit	8100000 kA².s
Thdi	33...100 % 2500 A 15...33 % 3200 A 0...15 % 4000 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	<0.001 V with power factor = 1 at 50 Hz with 1A for 100 m long <0.0012 V with power factor = 0.9 at 50 Hz with 1A for 100 m long <0.0012 V with power factor = 0.8 at 50 Hz with 1A for 100 m long <0.0012 V with power factor = 0.7 at 50 Hz with 1A for 100 m long
Mounting Mode	By hook
Mounting Support	Cantilever arm Pendant
Installation Direction	Horizontal Vertical
Neutral Position	Right
Tap-Off Unit Interval	800 mm
Standards	IEC 61439-6 IEC 61439-1
Dimension Type	Fix
Width	140 mm
Height	324 mm
Colour	White (RAL 9001)
Net Weight	184 kg
Linear Load	92 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	32.4 cm
Package 1 Width	14.0 cm
Package 1 Length	200.0 cm
Package 1 Weight	198.0 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

[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](#)