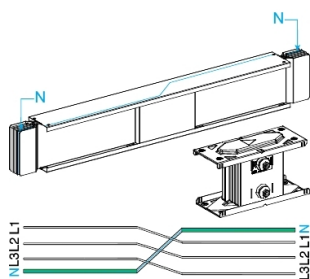


Product data sheet

Specifications



Neutral permutation length, Canalis KTA, aluminium, 1600A, 3L+N+PE, fixed length 1m, white RAL9001

KTA1600TN410

Main

Range	Canalis
Product Name	KT
Product Or Component Type	Busbar trunking
Busbar Description	Neutral permutation length
Device Short Name	KTA
Device Application	Feeder length
Material	Aluminium
[Ie] Rated Operational Current	1600 A at 35 °C
Polarity	3L + N + PE
Number Of Tap-Off Outlets	0
Length	1000 mm
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	65 kA
[Ipk] Rated Peak Withstand Current	143 kA
Radiated Magnetic Field	0.9 µT
Thermal Stress Limit	4225000 kA².s
Thdi	0...15 % 1600 A 15...33 % 2000 A 33...100 % 2500 A
Maximum Voltage Drop	<0.0037 V with power factor = 1 at 50 Hz with 1A for 100 m long <0.0038 V with power factor = 0.9 at 50 Hz with 1A for 100 m long <0.0036 V with power factor = 0.8 at 50 Hz with 1A for 100 m long <0.0034 V with power factor = 0.7 at 50 Hz with 1A for 100 m long
Mounting Mode	By hook
Mounting Support	Pendant Cantilever arm

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

Installation Direction	Vertical
	Horizontal
Marking	Left side: L1 L2 L3 N Right side: N L1 L2 L3
Earth Conductor	Standard earth
Short-Circuit Level	Standard version
Standards	IEC 61439-6 IEC 61439-1
Dimension Type	Fix
Width	140 mm
Height	164 mm
Colour	White (RAL 9001)
Linear Load	22 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 (97 % of In) 40...45 °C (93 % of In) 45...50 °C (90 % of In) 50...55 °C (86 % of In)

Packing Units

Unit Type Of Package 1	PCE
Number Of Units In Package 1	1
Package 1 Height	18.6 cm
Package 1 Width	100.0 cm
Package 1 Length	13.6 cm
Package 1 Weight	25.0 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-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