

Product data sheet

Specifications



Straight length, Canalis KTA, aluminium, 2500A, 3L+N+PER (Cu), high Icw, made to measure 2.5-3m, 1 outlet, RAL7035

KTA2500ED7301G

Main

Range	Canalis
Product Name	KT
Product Or Component Type	Busbar trunking
Busbar Description	Distribution length
Device Short Name	KTA
Tap-Off Unit Compatibility	Plug-in tap-off unit from Canalis KS Plug-in tap-off unit from Canalis KT
Device Application	High power distribution
Material	Aluminium
[Ie] Rated Operational Current	2500 A at 35 °C
Polarity	3L + N + PER
Number Of Tap-Off Outlets	1
Nominal Output Current	25...630 A
Earth Conductor	Reinforced
Short-Circuit Level	Reinforced version
Length	2500...3000 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	113 kA
[Ipk] Rated Peak Withstand Current	248 kA
Electrical Connection	Sliding contact
Radiated Magnetic Field	1.6 µT
Thermal Stress Limit	12769000 kA².s
Thdi	0...15 % 2500 A 15...33 % 3200 A 33...100 % 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	<0.0024 V with power factor = 1 at 50 Hz with 1A for 100 m long <0.0025 V with power factor = 0.9 at 50 Hz with 1A for 100 m long <0.0024 V with power factor = 0.8 at 50 Hz with 1A for 100 m long <0.0022 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	Horizontal Vertical
Neutral Position	Right
Standards	IEC 61439-1 IEC 61439-6
Dimension Type	Made to measure
Width	140 mm
Height	244 mm
Colour	Grey (RAL 7035)
Linear Load	36 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	24.4 cm
Package 1 Width	14 cm
Package 1 Length	300 cm
Package 1 Weight	146 kg

Sustainability

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Guide to assessing product sustainability is a white paper that clarifies global eco-label standards and how to interpret environmental declarations.

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[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