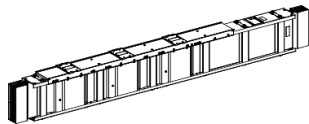


# Product data sheet

Specifications



Straight distribution length, Canalis  
KTA, aluminium, 2500A,  
3L+N+PER(Cu), high I<sub>cw</sub>, fixed  
length 4m, 3 outlets, RAL7035

KTA2500ED7403G

## 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
[I <sub>e</sub> ] Rated Operational Current	2500 A at 35 °C
Polarity	3L + N + PER
Number Of Tap-Off Outlets	3
Nominal Output Current	25...630 A
Earth Conductor	Reinforced
Short-Circuit Level	Reinforced version
Length	4000 mm
Provided Equipment	Jointing unit Trunking unit

## Complementary

Housing Material	Polyester film
Contacts Material	Copper
[U <sub>e</sub> ] Rated Operational Voltage	1000 V
Network Frequency	50/60 Hz
[U <sub>i</sub> ] Rated Insulation Voltage	1000 V
[I <sub>cw</sub> ] Rated Short-Time Withstand Current	113 kA
[I <sub>pk</sub> ] 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	Vertical Horizontal
Neutral Position	Right
Tap-Off Unit Interval	880 mm
Standards	IEC 61439-1 IEC 61439-6
Dimension Type	Fix
Width	140 mm
Height	244 mm
Colour	Grey (RAL 7035)
Net Weight	144 kg
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	14.0 cm
Package 1 Length	400.0 cm
Package 1 Weight	146.0 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>