Product data sheet

Specifications

Canalis - Cu length for plug-in tap-off unit - 1600A - 3L+N+PER - 2m standard

KTC1600ED520

⊘ **Discontinued**

Main

Range	Canalis
Product Name	KT
Product Or Component Type	Busbar trunking
Busbar Description	Distribution length
Device Short Name	KTC
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	3
Nominal Output Current	25…630 A
Earth Conductor	Reinforced
Short-Circuit Level	Standard version
Length	2000 mm
Provided Equipment	Trunking unit Jointing 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	Sliding contact
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

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	Horizontal
	Vertical
Neutral Position	Right
Tap-Off Unit Interval	500 mm
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

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Transparency   RoHS/REACh

Well-being performance

✓ Mercury Free

✓ Rohs Exemption Information   Yes

Certifications & Standards

Eu Rohs Directive   Compliant

EU RoHS Declaration

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