

Product data sheet

Specifications



Canalis - Cu length for plug-in tap-off unit - 2500A - 3L+N+PE - 4m standard

KTC2500ED440

ⓘ 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	2500 A at 35 °C
Polarity	3L + N + PE
Number Of Tap-Off Outlets	3
Nominal Output Current	25...630 A
Earth Conductor	Standard earth
Short-Circuit Level	Standard version
Length	4000 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	80 kA
[Ipk] Rated Peak Withstand Current	176 kA
Electrical Connection	Sliding contact
Radiated Magnetic Field	1.3 µT
Thermal Stress Limit	6400000 kA².s
Thdi	33...100 % 1600 A 15...33 % 2000 A 0...15 % 2500 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	<0.0018 V with power factor = 0.8 at 50 Hz with 1A for 100 m long <0.0015 V with power factor = 1 at 50 Hz with 1A for 100 m long <0.0018 V with power factor = 0.9 at 50 Hz with 1A for 100 m long <0.0018 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	1000 mm
Standards	IEC 61439-1 IEC 61439-6
Dimension Type	Fix
Width	140 mm
Height	204 mm
Colour	White (RAL 9001)
Net Weight	240 kg
Linear Load	60 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