



### Main

Range	Canalis
Product name	KT
Product or component type	Busbar trunking
Busbar description	Distribution length
Device short name	KTC
Tap-off unit compatibility	Bolt-on tap-off unit from Canalis - KT
Device application	High power distribution
Material	Copper
[Ie] rated operational current	2500 A at 35 °C
Polarity	3L + PE
Number of tap-off outlets	1
Nominal output current	400...1250 A
Earth conductor	Standard earth
Short-circuit level	Standard version
Length	2000 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	Bolted connection
Radiated magnetic field	1.3 μT
Thermal stress limit	6400 A <sup>2</sup> .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	Pendant Cantilever arm
Installation direction	Vertical Horizontal
Neutral position	Right
Standards	IEC 61439-6 IEC 61439-1
Dimension type	Fix
Width	140 mm
Height	204 mm
Colour	White (RAL 9001)
Net weight	88 kg
Linear load	44 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)