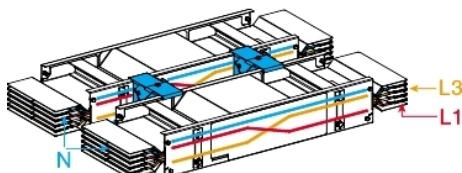


# Product data sheet

## Characteristics

# KTC6300TP410

Canalis - Cu phase crossover length -6300A -  
3L+N+PE - 1 m



### Main

Range	Canalis
Product name	KT
Product or component type	Busbar trunking
Busbar description	Phase permutation length
Device short name	KTC
Device application	Feeder length
Material	Copper
[Ie] rated operational current	6300 A at 35 °C
Polarity	3L + N + PE
Number of tap-off outlets	0
Length	1000 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	120 kA
[IpK] rated peak withstand current	264 kA
Radiated magnetic field	4.5 µT
Thermal stress limit	14400000 kA².s
THDI	33...100 % 4000 A 15...33 % 5000 A 0...15 % 6300 A
Maximum voltage drop	<0.00065 V with power factor = 1 at 50 Hz with 1A for 100 m long <0.00075 V with power factor = 0.9 at 50 Hz with 1A for 100 m long <0.00075 V with power factor = 0.8 at 50 Hz with 1A for 100 m long <0.0007 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
Marking	Left side: N L1 L2 L3 Right side: N L3 L2 L1
Earth conductor	Standard earth
Short-circuit level	Standard version
Standards	IEC 61439-1 IEC 61439-6
Dimension type	Fix
Width	140 mm
Height	618 mm
Colour	White (RAL 9001)
Linear load	128 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 $I_n$ ) 35...40 °C (95 % of $I_n$ ) 40...45 °C (90 % of $I_n$ ) 45...50 °C (84 % of $I_n$ ) 50...55 °C (79 % of $I_n$ )

## Packing Units

Unit Type of Package 1	PCE
Number of Units in Package 1	1
Package 1 Height	62.2 cm
Package 1 Width	14.0 cm
Package 1 Length	100.0 cm
Package 1 Weight	139.0 kg

## Offer Sustainability

Sustainable offer status	Green Premium product
REACH Regulation	 <a href="#">REACH Declaration</a>
EU RoHS Directive	Compliant with Exemptions
Mercury free	Yes
China RoHS Regulation	 <a href="#">China RoHS Declaration</a>
RoHS exemption information	 Yes
Environmental Disclosure	 <a href="#">Product Environmental Profile</a>
Circularity Profile	 <a href="#">End Of Life Information</a>
WEEE	The product must be disposed on European Union markets following specific waste collection and never end up in rubbish bins