



## Main

Range	Canalis
Product name	KT
Product or component type	Elbow
Busbar description	Standard
Device short name	KTC
Device application	Change direction
Material	Copper
[Ie] rated operational current	1350 A at 35 °C
Polarity	3L + N + PER
Direction change type	Direction 1: edgewise to upward
Operating angle	90 °
Earth conductor	Reinforced
Short-circuit level	Standard version
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	50 kA
[Ipk] rated peak withstand current	110 kA
Radiated magnetic field	0.5 μT
Thermal stress limit	2500000 kA <sup>2</sup> .s
THDI	15...33 % 1000 A 0...15 % 1350 A
Maximum voltage drop	<0.0031 V with power factor = 1 at 50 Hz with 1A for 100 m long <0.0034 V with power factor = 0.9 at 50 Hz with 1A for 100 m long <0.0033 V with power factor = 0.8 at 50 Hz with 1A for 100 m long <0.0031 V with power factor = 0.7 at 50 Hz with 1A for 100 m long
Neutral position	Right
Standards	IEC 61439-6 IEC 61439-1
Dimension type	Made to measure long branch
Width	140 mm
Height	104 mm
Length	Direction 1: 290 mm Direction 2: 790...1000 mm
Colour	White (RAL 9001)
Linear load	33 kg/m

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## 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
Package 1 Height	14.0 cm
Package 1 Width	100.0 cm
Package 1 Length	100.0 cm
Package 1 Weight	44.699 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	<a href="#">Yes</a>
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