



Main

Range	Canalis
Product name	KT
Product or component type	Multiple elbow
Busbar description	Standard
Device short name	KTA
Device application	Change direction
Material	Aluminium
[Ie] rated operational current	4000 A at 35 °C
Polarity	3L + N + PE
Direction change type	Direction 2: edgewise to upward Direction 1: flat to left
Operating angle	90 °
Earth conductor	Standard earth
Short-circuit level	Standard version
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	90 kA
[Ipk] rated peak withstand current	198 kA
Radiated magnetic field	3 µT
Thermal stress limit	8100000 kA <sup>2</sup> .s
THDI	0...15 % 4000 A
Maximum voltage drop	<0.0015 V with power factor = 1 at 50 Hz with 1A for 100 m long <0.0016 V with power factor = 0.9 at 50 Hz with 1A for 100 m long <0.0015 V with power factor = 0.8 at 50 Hz with 1A for 100 m long <0.0015 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
Width	140 mm
Height	Direction 2: 360...739 mm
Colour	White (RAL 9001)
Length	Direction 1: 300 mm Direction 3: 440 mm
Linear load	45 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 (97 % of $I_n$ ) 40...45 °C (93 % of $I_n$ ) 45...50 °C (90 % of $I_n$ ) 50...55 °C (86 % of $I_n$ )

## Packing Units

Unit Type of Package 1	PCE
Number of Units in Package 1	1
Package 1 Height	35.0 cm
Package 1 Width	107.2 cm
Package 1 Length	68.2 cm
Package 1 Weight	88.8 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