



### Main

Range	Canalis
Product name	KT
Product or component type	Elbow
Busbar description	Standard
Device short name	KTA
Device application	Change direction
Material	Aluminium
[Ie] rated operational current	3200 A at 35 °C
Polarity	3L + N + PE
Direction change type	direction 1: flat to right
Operating angle	90 °
Earth conductor	Standard earth
Short-circuit level	Reinforced version
Provided equipment	Joining 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
Radiated magnetic field	2.1 µT
Thermal stress limit	12769 A².s
THDI	0...15 % 3200 A 15...33 % 4000 A
Maximum voltage drop	<0.0018 V with power factor = 1 at 50 Hz with 1A for 100 m long

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

<0.0019 V with power factor = 0.9 at 50 Hz with 1A for 100 m long  
 <0.0018 V with power factor = 0.8 at 50 Hz with 1A for 100 m long  
 <0.0017 V with power factor = 0.7 at 50 Hz with 1A for 100 m long

Neutral position	Left
Standards	IEC 61439-1 IEC 61439-6
Dimension type	Made to measure short branch
Width	140 mm
Height	324 mm
Length	direction 1: 300 mm direction 2: 301...799 mm
Colour	White (RAL 9001)
Linear load	46 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 (97 % of In) 40...45 °C (93 % of In) 45...50 °C (90 % of In) 50...55 °C (86 % of In)

## Offer Sustainability

Sustainable offer status	Green Premium product
REACH Regulation	<a href="#">REACH Declaration</a>
REACH free of SVHC	Yes
EU RoHS Directive	Not applicable, out of EU RoHS legal scope
Toxic heavy metal free	Yes
Mercury free	Yes
RoHS exemption information	<a href="#">Yes</a>
China RoHS Regulation	<a href="#">China RoHS declaration</a> Pro-active China RoHS declaration (out of China RoHS legal scope)
Environmental Disclosure	<a href="#">Product Environmental Profile</a>
Circularity Profile	No need of specific recycling operations
WEEE	The product must be disposed on European Union markets following specific waste collection and never end up in rubbish bins