



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	2500 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	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	80 kA
[Ipk] rated peak withstand current	176 kA
Radiated magnetic field	1.6 μT
Thermal stress limit	6400000 kA ² .s
THDI	0...15 % 2500 A 15...33 % 3200 A 33...100 % 4000 A
Maximum voltage drop	<0.0024 V with power factor = 1 at 50 Hz with 1A for 100 m long <0.0025 V with power factor = 0.9 at 50 Hz with 1A for 100 m long <0.0024 V with power factor = 0.8 at 50 Hz with 1A for 100 m long <0.0022 V with power factor = 0.7 at 50 Hz with 1A for 100 m long
Neutral position	Right
Standards	IEC 61439-1 IEC 61439-6
Dimension type	Made to measure short branch
Width	140 mm
Height	244 mm
Length	Direction 1: 300 mm Direction 2: 301...799 mm
Colour	White (RAL 9001)
Linear load	30 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 (97 % of In) 40...45 °C (93 % of In) 45...50 °C (90 % of In) 50...55 °C (86 % of In)

Packing Units

Unit Type of Package 1	PCE
Number of Units in Package 1	1
Package 1 Height	24.4 cm
Package 1 Width	35.0 cm
Package 1 Length	85.0 cm
Package 1 Weight	34.619 kg

Offer Sustainability

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