



## Main

Range	Canalis
Product name	KT
Product or component type	Tee
Busbar description	Standard
Device short name	KTA
Device application	Change direction
Material	Aluminium
[Ie] rated operational current	2000 A at 35 °C
Polarity	3L + PE
Direction change type	Edgewise to perpendicular
Operating angle	90 °
Earth conductor	Standard earth
Short-circuit level	Standard 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	110 kA
[Ipk] rated peak withstand current	242 kA
Radiated magnetic field	1.3 µT
Thermal stress limit	4900000 kA².s
THDI	0...15 % 2000 A 15...33 % 2500 A 33...100 % 3200 A
Maximum voltage drop	<0.0029 V with power factor = 1 at 50 Hz with 1A for 100 m long <0.003 V with power factor = 0.9 at 50 Hz with 1A for 100 m long <0.0029 V with power factor = 0.8 at 50 Hz with 1A for 100 m long <0.0027 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	Fix
Width	140 mm
Height	204 mm
Length	Direction 1: 340 mm Direction 3: 340 mm
Colour	White (RAL 9001)
Linear load	22 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)

## Packing Units

Unit Type of Package 1	PCE
Number of Units in Package 1	1
Package 1 Height	14.0 cm
Package 1 Width	48.2 cm
Package 1 Length	76.0 cm
Package 1 Weight	37.2 kg