



Main

Range	Canalis
Product name	KT
Product or component type	Multiple elbow
Busbar description	Standard
Device short name	KTC
Device application	Change direction
Material	Copper
[Ie] rated operational current	1000 A at 35 °C
Polarity	3L + N + PER
Direction change type	direction 2: edgewise to upward direction 1: flat to left
Operating angle	90 °
Earth conductor	Reinforced
Short-circuit level	Reinforced version
Provided equipment	Trunking unit Joining 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	65 kA
[Ipk] rated peak withstand current	143 kA
Radiated magnetic field	0.4 µT
Thermal stress limit	4225 A ² .s
THDI	0...15 % 1000 A
Maximum voltage drop	<0.0043 V with power factor = 1 at 50 Hz with 1A for 100 m long <0.0047 V with power factor = 0.9 at 50 Hz with 1A for 100 m long <0.0046 V with power factor = 0.8 at 50 Hz with 1A for 100 m long <0.0044 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
Width	140 mm
Height	direction 2: 195...574 mm
Colour	White (RAL 9001)
Length	direction 1: 300 mm direction 3: 275 mm
Linear load	25 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 (95 % of In) 40...45 °C (90 % of In) 45...50 °C (84 % of In) 50...55 °C (79 % of In)