



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	5000 A at 35 °C
Polarity	3L + 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	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	95 kA
[Ipk] rated peak withstand current	209 kA
Radiated magnetic field	3 μT
Thermal stress limit	9025 A ² .s
THDI	33...100 %, maximum load current: 3200 A 15...33 %, maximum load current: 4000 A 0...15 %, maximum load current: 5000 A
Voltage drop	With cos φ =1, 0.0008 V at 50 Hz with 1A for 100 m long With cos φ =0.9, 0.001 V at 50 Hz with 1A for 100 m long With cos φ =0.8, 0.001 V at 50 Hz with 1A for 100 m long

With $\cos \varphi = 0.7$, 0.001 V at 50 Hz with 1A for 100 m long

Neutral position	Right
Standards	IEC 61439-1 IEC 61439-6
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	82 kg/m

Environment

IP degree of protection	IP55 conforming to IEC 60529
IK degree of protection	IK08 conforming to IEC 62262
Derating factor	100 % of I_n at 0...35 °C 95 % of I_n at 35...40 °C 90 % of I_n at 40...45 °C 84 % of I_n at 45...50 °C 79 % of I_n at 50...55 °C

Offer Sustainability

RoHS (date code: YYWW)	Compliant - since 0949 - Schneider Electric declaration of conformity Schneider Electric declaration of conformity
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