

# KTC4000LP7E2

Flat elbow, Canalis KTC, copper, 4000A, 3L+N+PER (Cu), high l<sub>cw</sub>, N2, 2 made to measure branches, right angle



## Main

Range	Canalis
Product name	KT
Product or component type	Elbow
Busbar description	Standard
Device short name	KTC
Device application	Change direction
Material	Copper
[I <sub>e</sub> ] rated operational current	4000 A at 35 °C
Polarity	3L + N + PER
Direction change type	Direction 1: flat to right
Operating angle	90 °
Earth conductor	Reinforced
Short-circuit level	Reinforced version
Provided equipment	Joining unit Trunking unit

## Complementary

Housing material	Polyester film
Contacts material	Copper
[U <sub>e</sub> ] rated operational voltage	1000 V
Network frequency	50/60 Hz
[U <sub>i</sub> ] rated insulation voltage	1000 V
[I <sub>cw</sub> ] rated short-time withstand current	120 kA
[I <sub>pk</sub> ] rated peak withstand current	264 kA
Radiated magnetic field	2.1 μT
Thermal stress limit	14400000 kA <sup>2</sup> .s
THDI	33...100 % 2500 A 15...33 % 3200 A 0...15 % 4000 A
Maximum voltage drop	<0.001 V with power factor = 1 at 50 Hz with 1A for 100 m long <0.0012 V with power factor = 0.9 at 50 Hz with 1A for 100 m long <0.0012 V with power factor = 0.8 at 50 Hz with 1A for 100 m long <0.0012 V with power factor = 0.7 at 50 Hz with 1A for 100 m long
Neutral position	Left
Standards	IEC 61439-6 IEC 61439-1
Dimension type	Made to measure
Width	140 mm
Height	324 mm
Length	Direction 1: 300...600 mm Direction 2: 301...1400 mm
Colour	White (RAL 9001)
Linear load	92 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)

## Packing Units

Unit Type of Package 1	PCE
Number of Units in Package 1	1
Package 1 Height	32.4 cm
Package 1 Width	65.0 cm
Package 1 Length	145.0 cm
Package 1 Weight	193.2 kg

## Offer Sustainability

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