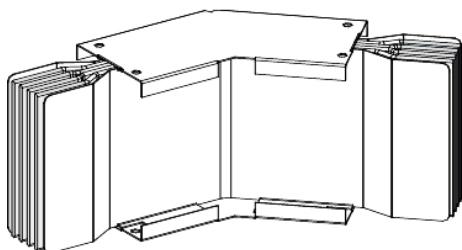


# KTA1250LP7C1

Flat elbow, Canalis KTA, aluminium, 1250A, 3L +N+PER (Cu), high l<sub>cw</sub>, N1, 2 fixed branches, made to measure angle



## Main

Range	Canalis
Product name	KT
Product or component type	Elbow
Busbar description	Standard
Device short name	KTA
Device application	Change direction
Material	Aluminium
[I <sub>e</sub> ] rated operational current	1250 A at 35 °C
Polarity	3L + N + PER
Direction change type	Direction 1: flat to right
Operating angle	91...179 °
Earth conductor	Reinforced
Short-circuit level	Reinforced version
Provided equipment	Trunking unit Joining 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	65 kA
[I <sub>pk</sub> ] rated peak withstand current	143 kA
Radiated magnetic field	0.75 μT
Thermal stress limit	4225000 kA <sup>2</sup> .s
THDI	0...15 % 1250 A 15...33 % 1600 A 33...100 % 2000 A
Maximum voltage drop	<0.0049 V with power factor = 1 at 50 Hz with 1A for 100 m long <0.005 V with power factor = 0.9 at 50 Hz with 1A for 100 m long <0.0047 V with power factor = 0.8 at 50 Hz with 1A for 100 m long <0.0043 V with power factor = 0.7 at 50 Hz with 1A for 100 m long
Neutral position	Right
Standards	IEC 61439-6 IEC 61439-1
Dimension type	Fix
Width	140 mm
Height	124 mm
Length	Direction 1: 300 mm Direction 2: 300 mm
Colour	White (RAL 9001)
Linear load	21 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	12.4 cm
Package 1 Width	196.0 cm
Package 1 Length	105.0 cm
Package 1 Weight	55.0 kg