



## Main

Range	Canalis
Product name	KT
Product or component type	Edgewise elbow feeder trunking
Device short name	KTA
Device application	Feeder length
Supply	Oil-immersed transformer Switchboard
Material	Aluminium
[I <sub>e</sub> ] rated operational current	800 A at 35 °C
Neutral position	Left
Direction change type	Direction 1: flat to horizontal
Earth conductor	Reinforced
Short-circuit level	Reinforced version
Provided equipment	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>lcw</sub> ] rated short-time withstand current	35 kA
[I <sub>pk</sub> ] rated peak withstand current	73 kA
Radiated magnetic field	0.4 μT
Thermal stress limit	1225000 kA <sup>2</sup> .s
THDI	0...15 % 800 A 15...33 % 1000 A 33...100 % 1250 A
Maximum voltage drop	<0.0083 V with power factor = 1 at 50 Hz with 1A for 100 m long <0.0081 V with power factor = 0.9 at 50 Hz with 1A for 100 m long <0.0076 V with power factor = 0.8 at 50 Hz with 1A for 100 m long <0.0069 V with power factor = 0.7 at 50 Hz with 1A for 100 m long
Mounting mode	By screws
Mounting support	Plate
Polarity	3L + N + PER
Number of tap-off outlets	0
Standards	IEC 61439-1 IEC 61439-6
Dimension type	Made to measure
Connection pitch	80...250 mm
Depth	230 mm
Height	Direction 1: 175...509 mm
Length	Direction 2: 275 mm
Colour	White (RAL 9001)
Linear load	15 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	74.4 cm
Package 1 Width	95.0 cm
Package 1 Length	39.0 cm
Package 1 Weight	30.0 kg