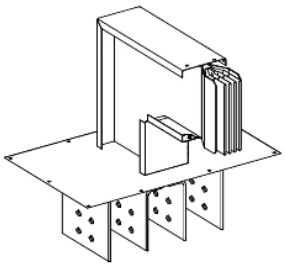
Product data sheet
Characteristics

KTA4000ER55
Edgewise elbow feed unit, Canalis KTA, aluminium, 4000A, 3L+N+PER, made to measure dimensions, neutral N5, white RAL9001



Main

Range	Canalis
Product name	KT
Product or component type	Edgewise elbow feeder trunking
Device short name	KTA
Device application	Feeder length
Supply	Switchboard Oil-immersed transformer
Material	Aluminium
[Ie] rated operational current	4000 A at 35 °C
Neutral position	Right
Direction change type	Direction 1: flat to horizontal
Earth conductor	Reinforced
Short-circuit level	Standard version
Provided equipment	Trunking 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	90 kA
[Ipk] rated peak withstand current	198 kA
Radiated magnetic field	3 µT
Thermal stress limit	8100000 kA².s
THDI	0…15 % 4000 A
Maximum voltage drop	<0.0015 V with power factor = 1 at 50 Hz with 1A for 100 m long <0.0016 V with power factor = 0.9 at 50 Hz with 1A for 100 m long <0.0015 V with power factor = 0.8 at 50 Hz with 1A for 100 m long <0.0015 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	510 mm
Height	Direction 1: 340…674 mm
Length	Direction 2: 440 mm
Colour	White (RAL 9001)
Linear load	45 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	107.4 cm
Package 1 Width	69.5 cm
Package 1 Length	95.0 cm
Package 1 Weight	103.8 kg