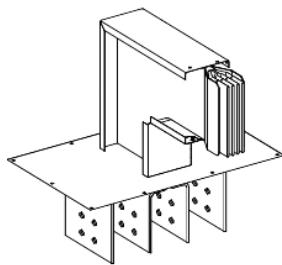


Product data sheet

Characteristics

KTA1000ER76

Edgewise elbow feed unit, Canalis KTA, aluminium, 1000A, 3L+N+PER, high Icw, made to measure, neutral N6, RAL9001



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
[Ie] rated operational current	1000 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
[Ue] rated operational voltage	1000 V
Network frequency	50/60 Hz
[Ui] rated insulation voltage	1000 V
[Icw] rated short-time withstand current	65 kA
[Ipk] rated peak withstand current	143 kA
Radiated magnetic field	0.5 µT
Thermal stress limit	4225000 kA ² .s
THDI	0...15 % 1000 A 15...33 % 1250 A 33...100 % 1600 A
Maximum voltage drop	<0.006 V with power factor = 1 at 50 Hz with 1A for 100 m long <0.006 V with power factor = 0.9 at 50 Hz with 1A for 100 m long <0.0056 V with power factor = 0.8 at 50 Hz with 1A for 100 m long <0.0052 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 61439-6 IEC 61439-1
Dimension type	Made to measure
Connection pitch	80...250 mm
Depth	230 mm
Height	Direction 1: 190...524 mm
Length	Direction 2: 290 mm
Colour	White (RAL 9001)
Linear load	19 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 I_n) 35...40 °C (97 % of I_n) 40...45 °C (93 % of I_n) 45...50 °C (90 % of I_n) 50...55 °C (86 % of I_n)

Packing Units

Unit Type of Package 1	PCE
Number of Units in Package 1	1
Package 1 Height	77.4 cm
Package 1 Width	95.0 cm
Package 1 Length	40.5 cm
Package 1 Weight	37.2 kg