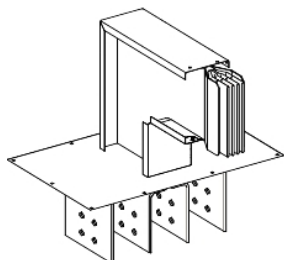


# KTA1600ER35

Edgewise elbow feed unit, Canalis KTA, aluminium, 1600A, 3L+PE, 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	1600 A at 35 °C
Neutral position	Right
Direction change type	Direction 1: flat to horizontal
Earth conductor	Standard earth
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	65 kA
[Ipk] rated peak withstand current	143 kA
Radiated magnetic field	0.9 $\mu$ T
Thermal stress limit	4225000 kA <sup>2</sup> .s
THDI	0...15 % 1600 A 15...33 % 2000 A 33...100 % 2500 A
Maximum voltage drop	<0.0037 V with power factor = 1 at 50 Hz with 1A for 100 m long <0.0038 V with power factor = 0.9 at 50 Hz with 1A for 100 m long <0.0036 V with power factor = 0.8 at 50 Hz with 1A for 100 m long <0.0034 V with power factor = 0.7 at 50 Hz with 1A for 100 m long
Mounting mode	By screws
Mounting support	Plate
Polarity	3L + PE
Number of tap-off outlets	0
Standards	IEC 61439-6 IEC 61439-1
Dimension type	Made to measure
Connection pitch	80...250 mm
Depth	350 mm
Height	Direction 1: 212...546 mm
Length	Direction 2: 320 mm
Colour	White (RAL 9001)
Linear load	19 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	49.5 cm
Package 1 Width	83.4 cm
Package 1 Length	95.0 cm
Package 1 Weight	37.2 kg