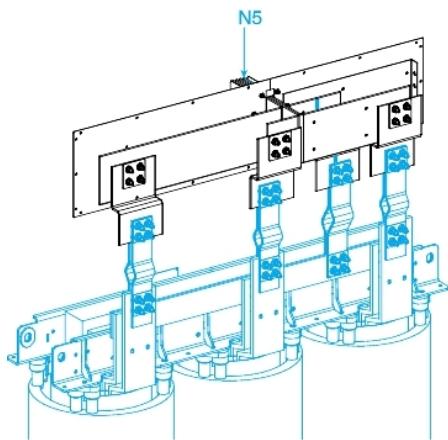


# Product data sheet

## Characteristics

# KTA1250EL45

Feed unit for dry type transformers, Canalis KTA, aluminium, 1250A, 3L+N+PE, made to measure, neutral N5, white RAL9001



### Main

Range	Canalis
Product name	KT
Product or component type	Flat feeder trunking
Device short name	KTA
Device application	Feeder length
Supply	Dry-type transformer
Material	Aluminium
[Ie] rated operational current	1250 A at 35 °C
Neutral position	Right
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	50 kA
[Ipk] rated peak withstand current	110 kA
Radiated magnetic field	0.75 µT
Thermal stress limit	2500000 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
Mounting mode	By screws
Mounting support	Plate
Polarity	3L + N + PE
Number of tap-off outlets	0
Standards	IEC 61439-6 IEC 61439-1
Dimension type	Made to measure
Connection pitch	390...700 mm
Bar width	160 mm
Depth	150 mm
Height	230 mm
Length	Direction 1: 235 mm 1600 mm
Colour	White (RAL 9001)
Linear load	18 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	33.0 cm
Package 1 Width	168.0 cm
Package 1 Length	40.0 cm
Package 1 Weight	39.0 kg