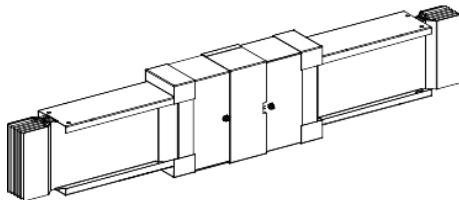


# Product data sheet

## Characteristics

# KTA1250DB310

Straight expansion unit, Canalis KTA, aluminium, 1250A, 3L+PE, fixed length 1m, white RAL9001



### Main

Range	Canalis
Product name	KT
Product or component type	Expansion unit
Busbar description	Flexible bar
Device short name	KTA
Device application	Feeder length
Material	Aluminium
[Ie] rated operational current	1250 A at 35 °C
Polarity	3L + PE
Number of tap-off outlets	0
Length	1000 mm
Provided equipment	Trunking unit Jointing 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 hook
Mounting support	Cantilever arm Pendant
Installation direction	Horizontal Vertical
Horizontal distance	30 m
Neutral position	Right
Standards	IEC 61439-6 IEC 61439-1
Dimension type	Fix
Width	140 mm
Height	124 mm
Colour	White (RAL 9001)
Net weight	16 kg
Linear load	16 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	14.0 cm
Package 1 Width	16.0 cm
Package 1 Length	100.0 cm
Package 1 Weight	17.0 kg