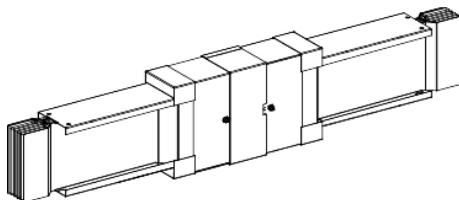


# Product data sheet

## Characteristics

# KTA1600DB310

Straight expansion unit, Canalis KTA, aluminium, 1600A, 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	1600 A at 35 °C
Polarity	3L + PE
Number of tap-off outlets	0
Length	1000 mm
Provided equipment	Jointing unit 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 µT
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 hook
Mounting support	Cantilever arm Pendant
Installation direction	Horizontal Vertical
Horizontal distance	30 m
Neutral position	Right
Standards	IEC 61439-1 IEC 61439-6
Dimension type	Fix
Width	140 mm
Height	164 mm
Colour	White (RAL 9001)

The information provided in this documentation contains general descriptions and/or technical characteristics of the performance of the products contained herein. This documentation is not intended as a substitute for and is not to be used for determining suitability or reliability of these products for specific user applications. It is the duty of any such user or integrator to perform the appropriate and complete risk analysis, evaluation and testing of the products with respect to the relevant specific application or use thereof. Neither Schneider Electric Industries SAS nor any of its affiliates or subsidiaries shall be responsible or liable for misuse of the information contained herein.

Net weight	19 kg
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 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	14.0 cm
Package 1 Width	18.0 cm
Package 1 Length	100.0 cm
Package 1 Weight	20.0 kg

## Offer Sustainability

Sustainable offer status	Green Premium product
REACH Regulation	 <a href="#">REACH Declaration</a>
EU RoHS Directive	Compliant with Exemptions
Mercury free	Yes
China RoHS Regulation	 <a href="#">China RoHS Declaration</a>
RoHS exemption information	 Yes
Environmental Disclosure	 <a href="#">Product Environmental Profile</a>
Circularity Profile	 <a href="#">End Of Life Information</a>
WEEE	The product must be disposed on European Union markets following specific waste collection and never end up in rubbish bins