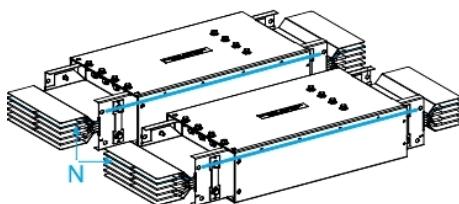


Product data sheet

Characteristics

KTC6300DB410

Straight expansion unit, Canalis KTC, copper, 6300A, 3L+N+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	KTC
Device application	Feeder length
Material	Copper
[Ie] rated operational current	6300 A at 35 °C
Polarity	3L + N + 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	120 kA
[Ipk] rated peak withstand current	264 kA
Radiated magnetic field	4.5 µT
Thermal stress limit	14400000 kA ² .s
THDI	33...100 % 4000 A 15...33 % 5000 A 0...15 % 6300 A
Maximum voltage drop	<0.00065 V with power factor = 1 at 50 Hz with 1A for 100 m long <0.00075 V with power factor = 0.9 at 50 Hz with 1A for 100 m long <0.00075 V with power factor = 0.8 at 50 Hz with 1A for 100 m long <0.0007 V with power factor = 0.7 at 50 Hz with 1A for 100 m long
Mounting mode	By hook
Mounting support	Pendant Cantilever arm
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	618 mm
Colour	White (RAL 9001)
Linear load	128 kg/m

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.

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 (95 % of I_n) 40...45 °C (90 % of I_n) 45...50 °C (84 % of I_n) 50...55 °C (79 % 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	62.2 cm
Package 1 Length	100.0 cm
Package 1 Weight	132.0 kg

Offer Sustainability

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