Product data sheet
Characteristics
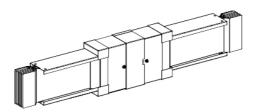
KTA0800DB510

Straight expansion unit, Canalis KTA, aluminium, 800A, 3L+N+PER (Al), fixed length 1m, white RAL9001

Green Premium™

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	800 A at 35 °C
Polarity	3L + N + PER
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	31 kA
[Ipk] rated peak withstand current	64 kA
Radiated magnetic field	0.4 µT
Thermal stress limit	961000 kA².s
THDI	0…15 % 800 A 15…33 % 1000 A 33…100 % 1250 A
Maximum voltage drop	<0.0083 V with power factor = 1 at 50 Hz with 1A for 100 m long <0.0081 V with power factor = 0.9 at 50 Hz with 1A for 100 m long <0.0076 V with power factor = 0.8 at 50 Hz with 1A for 100 m long <0.0069 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	Vertical Horizontal
Horizontal distance	30 m
Neutral position	Right
Standards	IEC 61439-6 IEC 61439-1
Dimension type	Fix
Width	140 mm
Height	74 mm
Colour	White (RAL 9001)

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Net weight	13 kg
Linear load	13 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	11.0 cm
Package 1 Length	100.0 cm
Package 1 Weight	17.0 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