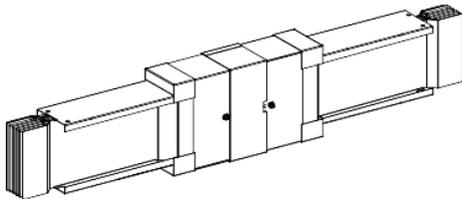


# KTA2500DB710

Straight expansion unit, Canalis KTA, aluminium, 2500A, 3L+N+PER (Cu), high I<sub>cw</sub>, 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
[I <sub>e</sub> ] rated operational current	2500 A at 35 °C
Polarity	3L + N + PER
Number of tap-off outlets	0
Length	1000 mm
Provided equipment	Trunking unit Joining unit

## Complementary

Housing material	Polyester film
Contacts material	Copper
[U <sub>e</sub> ] rated operational voltage	1000 V
Network frequency	50/60 Hz
[U <sub>i</sub> ] rated insulation voltage	1000 V
[I <sub>cw</sub> ] rated short-time withstand current	113 kA
[I <sub>pk</sub> ] rated peak withstand current	248 kA
Radiated magnetic field	1.6 μT
Thermal stress limit	12769000 kA <sup>2</sup> .s
THDI	0...15 % 2500 A 15...33 % 3200 A 33...100 % 4000 A
Maximum voltage drop	<0.0024 V with power factor = 1 at 50 Hz with 1A for 100 m long <0.0025 V with power factor = 0.9 at 50 Hz with 1A for 100 m long <0.0024 V with power factor = 0.8 at 50 Hz with 1A for 100 m long <0.0022 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
Earth conductor	Reinforced
Standards	IEC 61439-1 IEC 61439-6
Dimension type	Fix
Width	140 mm
Height	244 mm
Colour	White (RAL 9001)

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Net weight	36 kg
Linear load	36 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	28.0 cm
Package 1 Width	100.0 cm
Package 1 Length	15.0 cm
Package 1 Weight	37.0 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	<a href="#">Yes</a>
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