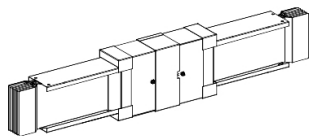# Product data sheet

Specifications

Straight expansion unit, Canalis KTA, aluminium, 2000A, 3L+N+PER (Al), fixed length 1m, white RAL9001

KTA2000DB510

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	2000 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	70 kA
[Ipk] Rated Peak Withstand Current	154 kA
Radiated Magnetic Field	1.3 µT
Thermal Stress Limit	4900000 kA².s
Thdi	0…15 % 2000 A 15…33 % 2500 A 33…100 % 3200 A
Maximum Voltage Drop	<0.0029 V with power factor = 1 at 50 Hz with 1A for 100 m long <0.003 V with power factor = 0.9 at 50 Hz with 1A for 100 m long <0.0029 V with power factor = 0.8 at 50 Hz with 1A for 100 m long <0.0027 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	204 mm
Colour	White (RAL 9001)
Net Weight	26 kg
Linear Load	26 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	24.0 cm
Package 1 Length	100.0 cm
Package 1 Weight	32.0 kg

Sustainability

Green Premium^{TM} label is Schneider Electric's commitment to delivering products with best-in-class environmental performance. Green Premium promises compliance with the latest regulations, transparency on environmental impacts, as well as circular and low-CO_2 products.

Guide to assessing product sustainability is a white paper that clarifies global eco-label standards and how to interpret environmental declarations.

Learn more about Green Premium ⟩

Guide to assess a product's sustainability ⟩

Transparency   RoHS/REACh

Well-being performance

✅ Mercury Free

✅ Rohs Exemption Information   Yes

Certifications & Standards

Reach Regulation	REACh Declaration
Eu Rohs Directive	Compliant with Exemptions
China Rohs Regulation	China RoHS declaration Product out of China RoHS scope. Substance declaration for your information
Environmental Disclosure	Product Environmental Profile
Weee	The product must be disposed on European Union markets following specific waste collection and never end up in rubbish bins
Circularity Profile	End of Life Information