

# Product data sheet

## Characteristics

# KTA3200ET42B

Straight transport length, Canalis KTA, aluminium, 3200A, 3L+N+PE, made to measure length 1.5-2m, white RAL9001



### Main

Range	Canalis
Product name	KT
Product or component type	Busbar trunking
Busbar description	Transport length
Device short name	KTA
Device application	Feeder length
Material	Aluminium
[Ie] rated operational current	3200 A at 35 °C
Polarity	3L + N + PE
Number of tap-off outlets	0
Earth conductor	Standard earth
Short-circuit level	Standard version
Length	1501...1999 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	86 kA
[Ipk] rated peak withstand current	189 kA
Radiated magnetic field	2.1 µT
Thermal stress limit	7396000 kA <sup>2</sup> .s
THDI	0...15 % 3200 A 15...33 % 4000 A
Maximum voltage drop	<0.0018 V with power factor = 1 at 50 Hz with 1A for 100 m long <0.0019 V with power factor = 0.9 at 50 Hz with 1A for 100 m long <0.0018 V with power factor = 0.8 at 50 Hz with 1A for 100 m long <0.0017 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
Neutral position	Right
Standards	IEC 61439-6 IEC 61439-1
Dimension type	Made to measure
Width	146 mm
Height	354 mm
Colour	White (RAL 9001)
Linear load	37 kg/m

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## 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 (97 % of $I_n$ ) 40...45 °C (93 % of $I_n$ ) 45...50 °C (90 % of $I_n$ ) 50...55 °C (86 % of $I_n$ )

## Packing Units

Unit Type of Package 1	PCE
Number of Units in Package 1	1
Package 1 Height	899.16 cm
Package 1 Width	14.6 cm
Package 1 Length	200.0 cm
Package 1 Weight	77.661 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