

# KTA2500ED5203

Straight distribution length, Canalis KTA, aluminium, 2500A, 3L+N+PER (Al), fixed length 2m, 3 outlets, RAL9001

## Main

Range	Canalis
Product name	KT
Product or component type	Busbar trunking
Busbar description	Distribution length
Device short name	KTA
Tap-off unit compatibility	Plug-in tap-off unit from Canalis KS Plug-in tap-off unit from Canalis KT
Device application	High power distribution
Material	Aluminium
[Ie] rated operational current	2500 A at 35 °C
Polarity	3L + N + PER
Number of tap-off outlets	3
Nominal output current	25...630 A
Earth conductor	Reinforced
Short-circuit level	Standard version
Length	2000 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	80 kA
[Ipk] rated peak withstand current	176 kA
Electrical connection	Sliding contact
Radiated magnetic field	1.6 µT
Thermal stress limit	6400000 kA².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	Vertical Horizontal
Neutral position	Right
Tap-off unit interval	500 mm
Standards	IEC 61439-1 IEC 61439-6
Dimension type	Fix

Width	140 mm
Height	244 mm
Colour	White (RAL 9001)
Net weight	60 kg
Linear load	30 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	25.9 cm
Package 1 Width	15.0 cm
Package 1 Length	200.0 cm
Package 1 Weight	74.0 kg

## Offer Sustainability

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