KTA2500ED5203

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

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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
[le] rated operational current	2500 A at 35 °C
Polarity	3L + N + PER
Number of tap-off outlets	3
Nominal output current	25630 A
Earth conductor	Reinforced
Short-circuit level	Standard version
Length	2000 mm
Provided equipment	Trunking unit Jointing unit

Complementary

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
[lcw] rated short-time withstand current	80 kA
[lpk] rated peak withstand current	176 kA
Electrical connection	Sliding contact
Radiated magnetic field	1.6 µT
Thermal stress limit	6400000 kA².s
THDI	015 % 2500 A 1533 % 3200 A 33100 % 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

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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	035 °C (100 % of In) 3540 °C (97 % of In) 4045 °C (93 % of In) 4550 °C (90 % of In) 5055 °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	☑ 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