



Main

Range	Canalis
Product name	KT
Product or component type	Busbar trunking
Busbar description	Distribution length
Device short name	KTA
Tap-off unit compatibility	Bolt-on 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 + PE
Number of tap-off outlets	2
Nominal output current	400...1250 A
Earth conductor	Standard earth
Short-circuit level	Standard version
Length	4000 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	80 kA
[Ipk] rated peak withstand current	176 kA
Electrical connection	Bolted connection
Radiated magnetic field	1.6 µT
Thermal stress limit	6400000 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	Cantilever arm Pendant
Installation direction	Vertical Horizontal
Neutral position	Right
Tap-off unit interval	2000 mm
Standards	IEC 61439-1 IEC 61439-6
Dimension type	Fix
Width	140 mm

Height	244 mm
Colour	White (RAL 9001)
Net weight	120 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	14.0 cm
Package 1 Width	400.0 cm
Package 1 Length	24.4 cm
Package 1 Weight	134.0 kg

## Offer Sustainability

Sustainable offer status	Green Premium product
REACH Regulation	 REACH Declaration
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