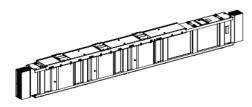
Product data sheet Characteristics

KTA1600ED4403 CANALIS KT 4X1600AL PLUG-IN LENGTH 4M





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
[le] rated operational current	1600 A at 35 °C
Polarity	3L + N + PE
Number of tap-off outlets	3
Nominal output current	25630 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
[lcw] rated short-time withstand current	65 kA
[lpk] rated peak withstand current	143 kA
Electrical connection	Sliding contact
Radiated magnetic field	0.9 μΤ
Thermal stress limit	4225000 kA ² .s
THDI	015 % 1600 A 1533 % 2000 A 33100 % 2500 A
Maximum voltage drop	<0.0037 V with power factor = 1 at 50 Hz with 1A for 100 m long <0.0038 V with power factor = 0.9 at 50 Hz with 1A for 100 m long <0.0036 V with power factor = 0.8 at 50 Hz with 1A for 100 m long <0.0034 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	Horizontal Vertical
Neutral position	Right
Tap-off unit interval	880 mm
Standards	IEC 61439-6 IEC 61439-1

Dimension type	Fix
Width	140 mm
Height	164 mm
Colour	White (RAL 9001)
Net weight	88 kg
Linear load	22 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	17.9 cm	
Package 1 Width	15.0 cm	
Package 1 Length	400.0 cm	
Package 1 Weight	90.0 kg	

Offer Sustainability

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

