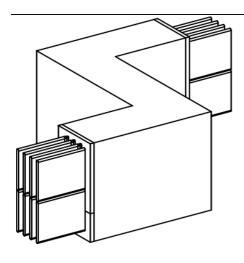
KRA1000ZP5

Flat zed unit, Canalis KRA, aluminium, 1000A, 3L+N°PE, made to measure, grey RAL7030





Main

Range	Canalis
Product name	KR
Product or component type	Zed elbow
Device short name	KRA
Product specific application	Oil and gas Real estate and office buildings Enterprise data centres Mining minerals and metals Water and waste water Healthcare
Device application	Change direction
Material	Aluminium
[le] rated operational current	1000 A at 35 °C
Polarity	3L + N + PE
Earth conductor	Standard earth
Short-circuit level	Standard version

Complementary

Housing material	Mineral epoxy resin
Contacts material	Tinned aluminium
[Ue] rated operational voltage	1000 V
Network frequency	50/60 Hz
[Ui] rated insulation voltage	1000 V
[lcw] rated short-time withstand current	27 kA
[lpk] rated peak withstand current	56 kA
Radiated magnetic field	12.42 mT
Thermal stress limit	729000 kA².s
Maximum voltage drop	<0.016 V with power factor = 0.8 at 50 Hz with 1A for 100 m long <0.0128 V with power factor = 1 at 50 Hz with 1A for 100 m long <0.0157 V with power factor = 0.9 at 50 Hz with 1A for 100 m long <0.0158 V with power factor = 0.7 at 50 Hz with 1A for 100 m long
Linear resistance	L: R20 20 °C= 0.06 m Ω /m L: R1 35 °C= 0.074 m Ω /m at Inc and 50 Hz L: X1 35 °C= 0.055 m Ω /m at Inc and 50 Hz L: X1 35 °C= 0.055 m Ω /m at Inc and 50 Hz L: Z1 35 °C= 0.094 m Ω /m at Inc and 50 Hz L - PE: R0 20 °C= 0.198 m Ω /m symmetrical components method L - PE: X0 20 °C= 0.355 m Ω /m symmetrical components method L - PE: Z0 20 °C= 0.407 m Ω /m symmetrical components method L-N: R0 20 °C= 0.149 m Ω /m symmetrical components method L-N: X0 20 °C= 0.147 m Ω /m symmetrical components method L-N: Z0 20 °C= 0.209 m Ω /m symmetrical components method
Mounting location	Outdoor Indoor
Product certifications	EAC[RETURN]CE[RETURN]ATEX
Standards	IEC 61439-6
Width	120 mm
Height	110 mm
Colour	Grey (RAL 7030)

Length	Direction 1: 300700 mm Direction 2: 1700 mm Direction 3: 300700 mm	
Linear load	35 kg/m	

Environment

IP degree of protection	IP68 conforming to IEC 60529	
IK degree of protection	IK10 conforming to IEC 62262	
Pollution degree	3	
Fire resistance	760 °C 180 min conforming to IEC 60331-1	
Derating factor	035 °C (100 % of In)	
	3540 °C (96 % of In)	
	4045 °C (89 % of In)	
	4550 °C (84 % of In)	
	5055 °C (78 % of In)	
Operating altitude	1000 m 100 % of In (indoor)	
	2000 m 99 % of In (indoor)	
	3000 m 96 % of In (indoor)	
	4000 m 90 % of In (indoor)	
	1000 m 98 % of In (outdoor)	
	2000 m 94 % of In (outdoor)	
	3000 m 89 % of In (outdoor)	
	4000 m 83 % of In (outdoor)	
Environmental characteristic	EMC directive conforming to IEC 61439-6	

Packing Units

Unit Type of Package 1	PCE	
Number of Units in Package 1	1	
Package 1 Height	39.0 cm	
Package 1 Width	40.0 cm	
Package 1 Length	40.0 cm	
Package 1 Weight	44.1 kg	

Offer Sustainability

Sustainable offer status	Green Premium product
REACh Regulation	☑ REACh Declaration
REACh free of SVHC	Yes
EU RoHS Directive	Compliant der EU RoHS Declaration
Toxic heavy metal free	Yes
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
Halogen content performance	Halogen free product