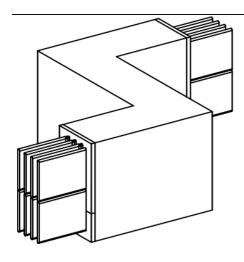
KRA1600ZP3

Flat zed unit, Canalis KRA, aluminium, 1600A, 3L, made to measure, grey RAL7030





Main

Range	Canalis
Product name	KR
Product or component type	Zed elbow
Device short name	KRA
Product specific application	Enterprise data centres Oil and gas Mining minerals and metals Healthcare Real estate and office buildings Water and waste water
Device application	Change direction
Material	Aluminium
[le] rated operational current	1600 A at 35 °C
Polarity	3L
Short-circuit level	Standard version

Complementary

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	53 kA
[lpk] rated peak withstand current	117 kA
Radiated magnetic field	17.3 mT
Thermal stress limit	2809000 kA².s
Maximum voltage drop	<0.0062 V with power factor = 1 at 50 Hz with 1A for 100 m long <0.0091 V with power factor = 0.9 at 50 Hz with 1A for 100 m long <0.0098 V with power factor = 0.8 at 50 Hz with 1A for 100 m long <0.0101 V with power factor = 0.7 at 50 Hz with 1A for 100 m long
Linear resistance	L: R20 20 °C= 0.03 m Ω /m L: R1 35 °C= 0.036 m Ω /m at Inc and 50 Hz L: X1 35 °C= 0.046 m Ω /m at Inc and 50 Hz L: Z1 35 °C= 0.059 m Ω /m at Inc and 50 Hz
Mounting location	Indoor Outdoor
Product certifications	CE[RETURN]EAC[RETURN]ATEX
Standards	IEC 61439-6
Width	100 mm
Height	190 mm
Colour	Grey (RAL 7030)
Length	Direction 1: 300700 mm Direction 2: 1700 mm Direction 3: 300700 mm
Linear load	43 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

PCE
1
39.0 cm
40.0 cm
40.0 cm
54.18 kg

Offer Sustainability

Sustainable offer status	Green Premium product
REACh Regulation	☑ REACh Declaration
REACh free of SVHC	Yes
EU RoHS Directive	Compliant EEU 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