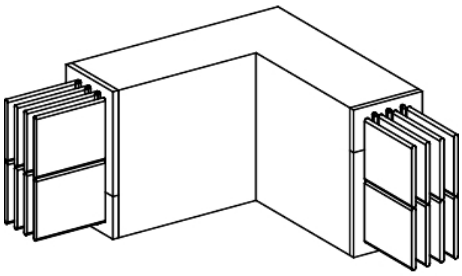
Product data sheet
Characteristics

KRA1250LP4B
Flat elbow, Canalis KRA, aluminium, 1250A, 3L +N/3L+PE/3L+PEN, made to measure length 0.3-0.7m, grey RAL7030



Main

Range	Canalis
Product name	KR
Product or component type	Elbow
Device short name	KRA
Product specific application	Oil and gas Healthcare Enterprise data centres Real estate and office buildings Water and waste water Mining minerals and metals
Device application	Change direction
Material	Aluminium
[Ie] rated operational current	1250 A at 35 °C
Polarity	3L + N or 3L + PE or 3L + PEN
Direction change type	Direction 1: flat to right
Operating angle	90 °
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
[Icw] rated short-time withstand current	53 kA
[Ipk] rated peak withstand current	117 kA
Radiated magnetic field	14.68 mT
Thermal stress limit	2809000 kA².s
Maximum voltage drop	<0.0102 V with power factor = 1 at 50 Hz with 1A for 100 m long <0.013 V with power factor = 0.9 at 50 Hz with 1A for 100 m long <0.0134 V with power factor = 0.8 at 50 Hz with 1A for 100 m long <0.0133 V with power factor = 0.7 at 50 Hz with 1A for 100 m long
Mounting location	Outdoor Indoor
Product certifications	CE[RETURN]EAC[RETURN]ATEX
Standards	IEC 61439-6
Dimension type	Made to measure
Width	100 mm
Height	130 mm
Length	300…700 mm
Colour	Grey (RAL 7030)
Linear load	34 kg/m

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This documentation is not intended as a substitute for and is not to be used for determining suitability or reliability of these products for specific user applications.
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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	0…35 °C (100 % of In) 35…40 °C (96 % of In) 40…45 °C (89 % of In) 45…50 °C (84 % of In) 50…55 °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	13.0 cm
Package 1 Width	30.0 cm
Package 1 Length	70.0 cm
Package 1 Weight	35.7 kg

Offer Sustainability

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