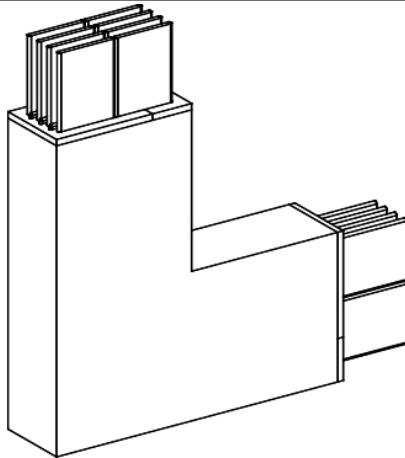


# Product data sheet

## Characteristics

# KRA2500LC4B

Edgewise elbow, Canalis KRA, aluminium, 2500A, 3L+N/3L+PE/3L+PEN, made to measure length 0.35-0.65m, grey RAL7030



### Main

Range	Canalis
Product name	KR
Product or component type	Elbow
Device short name	KRA
Product specific application	Mining minerals and metals Oil and gas Enterprise data centres Real estate and office buildings Water and waste water Healthcare
Device application	Change direction
Material	Aluminium
[Ie] rated operational current	2500 A at 35 °C
Polarity	3L + N or 3L + PE or 3L + PEN
Direction change type	Direction 1: edgewise to upward
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	80 kA
[Ipk] rated peak withstand current	176 kA
Radiated magnetic field	27.94 mT
Thermal stress limit	6400000 kA <sup>2</sup> .s
Maximum voltage drop	<0.0045 V with power factor = 1 at 50 Hz with 1A for 100 m long <0.0062 V with power factor = 0.9 at 50 Hz with 1A for 100 m long <0.0066 V with power factor = 0.8 at 50 Hz with 1A for 100 m long <0.0067 V with power factor = 0.7 at 50 Hz with 1A for 100 m long
Mounting location	Indoor Outdoor
Product certifications	EAC[RETURN]ATEX[RETURN]CE
Standards	IEC 61439-6
Dimension type	Made to measure
Width	100 mm
Height	270 mm
Length	350...650 mm
Colour	Grey (RAL 7030)
Linear load	68 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	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	27.0 cm
Package 1 Width	35.0 cm
Package 1 Length	65.0 cm
Package 1 Weight	71.4 kg

## Offer Sustainability

Sustainable offer status	Green Premium product
REACH Regulation	 <a href="#">REACH Declaration</a>
REACH free of SVHC	Yes
EU RoHS Directive	Compliant  <a href="#">EU RoHS Declaration</a>
Toxic heavy metal free	Yes
Mercury free	Yes
China RoHS Regulation	 <a href="#">China RoHS Declaration</a>
RoHS exemption information	 Yes
Environmental Disclosure	 <a href="#">Product Environmental Profile</a>
Circularity Profile	 <a href="#">End Of Life Information</a>
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