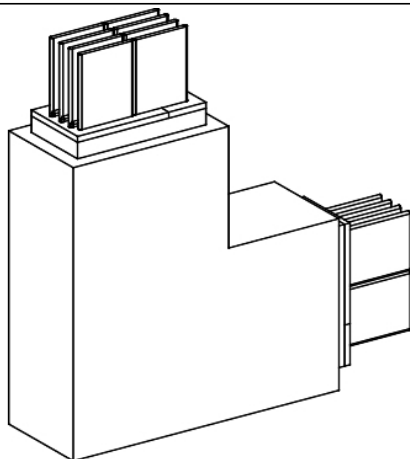


# KRA2500FC4B

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



## Main

Range	Canalis
Product name	KR
Product or component type	Elbow
Device short name	KRA
Product specific application	Oil and gas Water and waste water Enterprise data centres Mining minerals and metals Real estate and office buildings 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]CE[RETURN]ATEX
Standards	IEC 61439-6
Dimension type	Made to measure
Width	140 mm
Height	420 mm
Length	500...1000 mm
Colour	Grey (RAL 7030)
Linear load	68 kg/m

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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	1000 °C 90 min conforming to DIN 4102-12 2000
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	42.0 cm
Package 1 Width	50.0 cm
Package 1 Length	100.0 cm
Package 1 Weight	107.1 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	<a href="#">Yes</a>
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