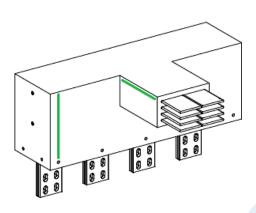
# Product data sheet Characteristics

# KRA0800ER46 CANALIS KR 4X0800AL FLAT ELBOW FEED UNIT ER6





#### Main

IVIAIII	
Range	Canalis
Product name	KR
Product or component type	Flatwise elbow feeder trunking
Device short name	KRA
Product specific application	Real estate and office buildings Mining minerals and metals Water and waste water Healthcare Oil and gas Enterprise data centres
Device application	Feeder length
Supply	Oil-immersed transformer Switchboard
Material	Aluminium
[le] rated operational current	800 A at 35 °C
Busbar/Connection pads direction type	Flat to straight
Earth conductor	Standard earth
Short-circuit level	Standard version

#### Complementary

Mineral epoxy resin	מ
Tinned aluminium	—epde
1000 V	— <u>i</u>
50/60 Hz	<u>.</u>
1000 V	_intatic
27 kA	— d
56 kA	— ob si
8.79 mT	ner: H
	Tinned aluminium  1000 V  50/60 Hz  1000 V  27 kA  56 kA

Thermal stress limit	729 A².s
Maximum voltage drop	<0.0166 V with power factor = 1 at 50 Hz with 1A for 100 m long <0.0169 V with power factor = 0.9 at 50 Hz with 1A for 100 m long <0.016 V with power factor = 0.8 at 50 Hz with 1A for 100 m long <0.0149 V with power factor = 0.7 at 50 Hz with 1A for 100 m long
Mounting location	Outdoor Indoor
Busbar incoming	Horizontal
Polarity	3L + N or 3L + PE or 3L + PEN
Product certifications	EAC ATEX CE
Standards	IEC 61439-6
Dimension type	Made to measure
Colour	Grey (RAL 7030)
Linear load	22 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 Halogen free

## Packing Units

Unit Type of Package 1	PCE	
Number of Units in Package 1	1	
Package 1 Weight	39.27 kg	
Package 1 Height	27 cm	
Package 1 width	70 cm	
Package 1 Length	100 cm	

### Offer Sustainability

Sustainable offer status	Green Premium product
REACh free of SVHC	Yes
EU RoHS Directive	Compliant EU RoHS Declaration
Toxic heavy metal free	Yes
Mercury free	Yes
RoHS exemption information	Yes
China RoHS Regulation	China RoHS declaration Pro-active China RoHS declaration (out of China RoHS legal scope)
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

