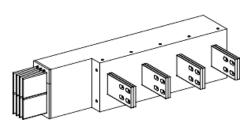
# Product data sheet Characteristics

# KRA0800EL52 CANALIS KR 5X0800AL LONG FEED UNIT EL2





#### Main

IVIAIII	
Range	Canalis
Product name	KR
Product or component type	Long feeder trunking
Device short name	KRA
Product specific application	Water and waste water Oil and gas Enterprise data centres Healthcare Real estate and office buildings Mining minerals and metals
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 perpendicular
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	
[lcw] rated short-time withstand current	27 kA	
[lpk] rated peak withstand current	56 kA	
Radiated magnetic field	8.79 mT	
Thermal stress limit	729 A².s	i

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	Indoor Outdoor
Busbar incoming	Horizontal side
Polarity	3L + N + PE
Product certifications	ATEX CE EAC
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 ln) 3540 °C (96 % of ln) 4045 °C (89 % of ln) 4550 °C (84 % of ln) 5055 °C (78 % of ln)
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	30.03 kg
Package 1 Height	29 cm
Package 1 width	9 cm
Package 1 Length	130 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

