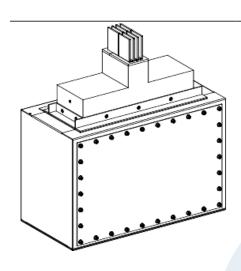
# Product data sheet Characteristics

## KRC3200ER59 CANALIS KR 5X3200CU CABLE END FEED UNIT ER9





#### Main

Main		Š
Range	Canalis	
Product name	KR	- 401
Product or component type	Cable end feeder trunking	
Device short name	KRC	f thoi
Product specific application	Water and waste water Enterprise data centres Healthcare Real estate and office buildings Oil and gas Mining minerals and metals	Suitability or reliability
Device application	Feeder length	in in
Supply	Switchboard Oil-immersed transformer	r determ
Material	Copper	sod fr
[le] rated operational current	3200 A at 35 °C	<u>ء</u>
Busbar/Connection pads direction type	Edgewise to straight	of to
Earth conductor	Standard earth	ב. ש
Short-circuit level	Standard version	for ar

#### Complementary

		c c
Housing material	Mineral epoxy resin	, 0
Contacts material	Copper	
[Ue] rated operational voltage	1000 V	
Network frequency	50/60 Hz	
[Ui] rated insulation voltage	1000 V	
[lcw] rated short-time withstand current	100 kA	
[lpk] rated peak withstand current	220 kA	
Radiated magnetic field	27.94 mT	<u>ة</u>

Thermal stress limit	6400 A².s
Maximum voltage drop	<0.003 V with power factor = 1 at 50 Hz with 1A for 100 m long <0.005 V with power factor = 0.9 at 50 Hz with 1A for 100 m long <0.006 V with power factor = 0.8 at 50 Hz with 1A for 100 m long <0.006 V with power factor = 0.7 at 50 Hz with 1A for 100 m long
Mounting location	Outdoor Indoor
Busbar incoming	Vertical
Polarity	3L + N + PE
Product certifications	EAC ATEX CE
Standards	IEC 61439-6
Dimension type	Fix
Connection pitch	100 mm
Colour	Grey (RAL 7030)
Linear load	125 kg/m

#### Environment

LIMIOIIIIEIIL	
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

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Unit Type of Package 1	PCE
Number of Units in Package 1	1
Package 1 Weight	131.25 kg
Package 1 Height	69 cm
Package 1 width	80 cm
Package 1 Length	62 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

