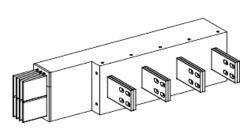
# Product data sheet Characteristics

# KRC1600EL32 CANALIS KR 3X1600CU LONG FEED UNIT EL2





## Main

Main	
Range	Canalis
Product name	KR
Product or component type	Long feeder trunking
Device short name	KRC
Product specific application	Oil and gas Healthcare Real estate and office buildings Mining minerals and metals Enterprise data centres Water and waste water
Device application	Feeder length
Supply	Oil-immersed transformer Switchboard
Material	Copper
[le] rated operational current	1600 A at 35 °C
Busbar/Connection pads direction type	Flat to perpendicular
Short-circuit level	Standard version

# Complementary

Housing material	Mineral epoxy resin	
Contacts material	Tinned copper	
[Ue] rated operational voltage	1000 V	
Network frequency	50/60 Hz	- 0
[Ui] rated insulation voltage	1000 V	
[lcw] rated short-time withstand current	65 kA	2.
[lpk] rated peak withstand current	143 kA	
Radiated magnetic field	14.68 mT	
Thermal stress limit	4225 A².s	
Maximum voltage drop	<0.007 V with power factor = 1 at 50 Hz with 1A for 100 m long <0.01 V with power factor = 0.9 at 50 Hz with 1A for 100 m long	F

<0.01 V with power factor = 0.8 at 50 Hz with 1A for 100 m long
<0.011 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
Product certifications	ATEX CE EAC
Standards	IEC 61439-6
Dimension type	Made to measure
Colour	Grey (RAL 7030)
Linear load	43 kg/m

#### Environment

LITVITOTITIETIL	
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

r doking office	
Unit Type of Package 1	PCE
Number of Units in Package 1	1
Package 1 Weight	58.695 kg
Package 1 Height	30 cm
Package 1 width	13 cm
Package 1 Length	130 cm

# Offer Sustainability

Sustainable offer status	Green Premium product
	<u> </u>
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
Ç	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