



### Main

Range	Canalis
Product name	KR
Product or component type	Long feeder trunking
Device short name	KRC
Product specific application	Healthcare Oil and gas Water and waste water Real estate and office buildings Mining minerals and metals Enterprise data centres
Device application	Feeder length
Supply	Oil-immersed transformer Switchboard
Material	Copper
[Ie] rated operational current	2000 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
[Ui] rated insulation voltage	1000 V
[Icw] rated short-time withstand current	80 kA
[Ipk] rated peak withstand current	176 kA
Radiated magnetic field	17.3 mT
Thermal stress limit	4225 A <sup>2</sup> .s
Maximum voltage drop	<0.004 V with power factor = 1 at 50 Hz with 1A for 100 m long <0.006 V with power factor = 0.9 at 50 Hz with 1A for 100 m long

Disclaimer: This documentation is not intended as a substitute for and is not to be used for determining suitability or reliability of these products for specific user applications

<0.007 V with power factor = 0.8 at 50 Hz with 1A for 100 m long  
<0.007 V with power factor = 0.7 at 50 Hz with 1A for 100 m long

Mounting location	Outdoor Indoor
Busbar incoming	Horizontal side
Polarity	3L
Product certifications	CE ATEX EAC
Standards	IEC 61439-6
Dimension type	Made to measure
Colour	Grey (RAL 7030)
Linear load	67 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	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 Halogen free

## Packing Units

Unit Type of Package 1	PCE
Number of Units in Package 1	1
Package 1 Weight	87.36 kg
Package 1 Height	30 cm
Package 1 width	19 cm
Package 1 Length	130 cm

## Offer Sustainability

Sustainable offer status	Green Premium product
REACH free of SVHC	Yes
EU RoHS Directive	Compliant <a href="#">EU RoHS Declaration</a>
Toxic heavy metal free	Yes
Mercury free	Yes
RoHS exemption information	<a href="#">Yes</a>
China RoHS Regulation	<a href="#">China RoHS declaration</a> Pro-active China RoHS declaration (out of China RoHS legal scope)
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