



Main

Range	Canalis
Product name	KR
Product or component type	Long feeder trunking
Device short name	KRC
Product specific application	Enterprise data centres Real estate and office buildings Healthcare Water and waste water Mining minerals and metals Oil and gas
Device application	Feeder length
Supply	Switchboard Oil-immersed transformer
Material	Copper
[Ie] rated operational current	1600 A at 35 °C
Busbar/Connection pads direction type	Edgewise 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	65 kA
[Ipk] rated peak withstand current	143 kA
Radiated magnetic field	14.68 mT
Thermal stress limit	4225 A ² .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

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

<0.01 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 EAC CE
Standards	IEC 61439-6
Dimension type	Made to measure
Colour	Grey (RAL 7030)
Linear load	43 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	58.695 kg
Package 1 Height	18 cm
Package 1 width	33 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