



### Main

Range	Canalis
Product name	KR
Product or component type	Straight feeder trunking
Device short name	KRA
Product specific application	Real estate and office buildings Healthcare Oil and gas Mining minerals and metals Water and waste water Enterprise data centres
Device application	Feeder length
Supply	Oil-immersed transformer Switchboard
Material	Aluminium
[Ie] rated operational current	1600 A at 35 °C
Busbar/Connection pads direction type	Edgewise to straight
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
[Icw] rated short-time withstand current	53 kA
[Ipk] rated peak withstand current	117 kA
Radiated magnetic field	17.3 mT

Thermal stress limit	2809 A <sup>2</sup> .s
Maximum voltage drop	<0.0062 V with power factor = 1 at 50 Hz with 1A for 100 m long <0.0091 V with power factor = 0.9 at 50 Hz with 1A for 100 m long <0.0098 V with power factor = 0.8 at 50 Hz with 1A for 100 m long <0.0101 V with power factor = 0.7 at 50 Hz with 1A for 100 m long
Mounting location	Indoor Outdoor
Busbar incoming	Vertical
Polarity	3L + N or 3L + PE or 3L + PEN
Product certifications	EAC CE ATEX
Standards	IEC 61439-6
Dimension type	Fix
Connection pitch	115 mm
Colour	Grey (RAL 7030)
Linear load	48 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	50.4 kg
Package 1 Height	19 cm
Package 1 width	50 cm
Package 1 Length	50 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

