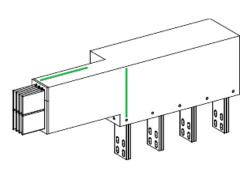
Product data sheet Characteristics

KRC1600EL43 CANALIS KR 4X1600CU LONG FEED UNIT EL3





Main

IVIAIII	
Range	Canalis
Product name	KR
Product or component type	Long feeder trunking
Device short name	KRC
Product specific application	Enterprise data centres Water and waste water Oil and gas Mining minerals and metals Healthcare Real estate and office buildings
Device application	Feeder length
Supply	Switchboard Oil-immersed transformer
Material	Copper
[le] rated operational current	1600 A at 35 °C
Busbar/Connection pads direction type	Edgewise to perpendicular
Earth conductor	Standard earth
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	
[lcw] rated short-time withstand current	65 kA	
[lpk] rated peak withstand current	143 kA	
Radiated magnetic field	14.68 mT	
Thermal stress limit	4225 A².s	i

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 <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 + N or 3L + PE or 3L + PEN
Product certifications	ATEX CE EAC
Standards	IEC 61439-6
Dimension type	Made to measure
Colour	Grey (RAL 7030)
Linear load	48 kg/m

Environment

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	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

Unit Type of Package 1	PCE	
Number of Units in Package 1	1	
Package 1 Weight	65.52 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

