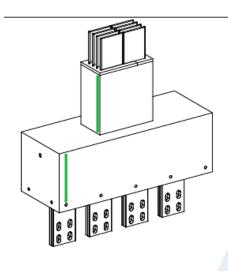
Product data sheet Characteristics

KRC1350ER57 CANALIS KR 5X1350CU STRAIGHT FEED UNIT ER7





Main

Man		_ s
Range	Canalis	φ
Product name	KR	 products
Product or component type	Straight feeder trunking	se pro
Device short name	KRC	 of these
Product specific application	Oil and gas Healthcare Water and waste water Enterprise data centres Mining minerals and metals Real estate and office buildings	 suitability or reliability c
Device application	Feeder length	ining
Supply	Switchboard Oil-immersed transformer	 used for determining
Material	Copper	sed fc
[le] rated operational current	1350 A at 35 °C	e
Busbar/Connection pads direction type	Flat to straight	not to_
Earth conductor	Standard earth	. <u>છ</u>
Short-circuit level	Standard version	te for and

Complementary

		c c
Housing material	Mineral epoxy resin	
Contacts material	Tinned copper	a
[Ue] rated operational voltage	1000 V	
Network frequency	50/60 Hz	
[Ui] rated insulation voltage	1000 V	
[lcw] rated short-time withstand current	38 kA	
[lpk] rated peak withstand current	80 kA	
Radiated magnetic field	11.5 mT	

Thermal stress limit	1444 A².s
Maximum voltage drop	<0.009 V with power factor = 1 at 50 Hz with 1A for 100 m long <0.012 V with power factor = 0.9 at 50 Hz with 1A for 100 m long <0.012 V with power factor = 0.8 at 50 Hz with 1A for 100 m long <0.012 V with power factor = 0.7 at 50 Hz with 1A for 100 m long
Mounting location	Outdoor Indoor
Busbar incoming	Vertical
Polarity	3L + N + PE
Product certifications	CE EAC ATEX
Standards	IEC 61439-6
Dimension type	Made to measure
Colour	Grey (RAL 7030)
Linear load	49 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	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	97.755 kg	
Package 1 Height	25 cm	
Package 1 width	70 cm	
Package 1 Length	120 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

