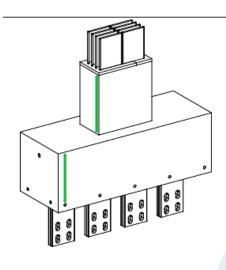
Product data sheet Characteristics

KRA5000ER47 CANALIS KR 4X5000AL STRAIGHT FEED UNIT ER7





Main

Main		ď
Range	Canalis	for
Product name	KR	-
Product or component type	Straight feeder trunking	- o
Device short name	KRA	- the
Product specific application	Real estate and office buildings Healthcare Oil and gas Mining minerals and metals Water and waste water Enterprise data centres	suitability or reliability
Device application	Feeder length	- uiui
Supply	Switchboard Oil-immersed transformer	l pr determ
Material	Aluminium	Sed fo
[le] rated operational current	5000 A at 35 °C	_ e
Busbar/Connection pads direction type	Flat to straight	101
Earth conductor	Standard earth	_ <u>v</u>
Short-circuit level	Standard version	- for ar

Complementary

		- (
Housing material	Mineral epoxy resin	- 6
Contacts material	Tinned aluminium	- donot
[Ue] rated operational voltage	1000 V	_ i
Network frequency	50/60 Hz	
[Ui] rated insulation voltage	1000 V	- tetri
[lcw] rated short-time withstand current	100 kA	_ mil
[lpk] rated peak withstand current	220 kA	- 0
Radiated magnetic field	58.44 mT	- <u>+</u> -
		- 7

Thermal stress limit	10000 A².s
Maximum voltage drop	<0.0023 V with power factor = 1 at 50 Hz with 1A for 100 m long <0.0038 V with power factor = 0.9 at 50 Hz with 1A for 100 m long <0.0042 V with power factor = 0.8 at 50 Hz with 1A for 100 m long <0.0044 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 or 3L + PE or 3L + PEN
Product certifications	ATEX EAC CE
Standards	IEC 61439-6
Dimension type	Made to measure
Colour	Grey (RAL 7030)
Linear load	135 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	269.325 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

