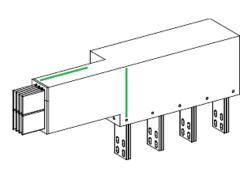
Product data sheet Characteristics

KRA2500EL43 CANALIS KR 4X2500AL LONG FEED UNIT EL3





Main

Man		
Range	Canalis	
Product name	KR	
Product or component type	Long feeder trunking	
Device short name	KRA	
Product specific application	Real estate and office buildings Mining minerals and metals Water and waste water Oil and gas Enterprise data centres Healthcare	
Device application	Feeder length	
Supply	Oil-immersed transformer Switchboard	
Material	Aluminium	
[le] rated operational current	2500 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 aluminium	
[Ue] rated operational voltage	1000 V	
Network frequency	50/60 Hz	
[Ui] rated insulation voltage	1000 V	
[lcw] rated short-time withstand current	80 kA	
[lpk] rated peak withstand current	176 kA	
Radiated magnetic field	27.94 mT	
Thermal stress limit	6400 A ² .s	i

Maximum voltage drop	<0.0045 V with power factor = 1 at 50 Hz with 1A for 100 m long <0.0062 V with power factor = 0.9 at 50 Hz with 1A for 100 m long <0.0066 V with power factor = 0.8 at 50 Hz with 1A for 100 m long <0.0067 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	CE ATEX EAC	
Standards	IEC 61439-6	
Dimension type	Made to measure	
Colour	Grey (RAL 7030)	
Linear load	68 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 In) 3540 °C (96 % of In) 4045 °C (89 % of In) 4550 °C (84 % of In) 5055 °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

Package 1 Weight	88.400 kg	
Package 1 Height	3.200 dm	
Package 1 width	4.700 dm	
Package 1 Length	13.000 dm	

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	