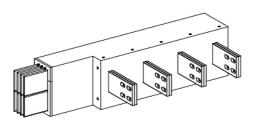
KRA1600EL42

Long feed unit, Canalis KRA, aluminium, 1600A, 3L+N/3L+PE/3L+PEN, made to measure dimensions, grey RAL7030





Main

Range	Canalis
Product name	KR
Product or component type	Long feeder trunking
Device short name	KRA
Product specific application	Mining minerals and metals Oil and gas Enterprise data centres Healthcare Real estate and office buildings Water and waste water
Device application	Feeder length
Supply	Switchboard Oil-immersed transformer
Material	Aluminium
[le] rated operational current	1600 A at 35 °C
Busbar/connection pads direction type	Flat to perpendicular
Earth conductor	Standard earth
Short-circuit level	Standard version

Complementary

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	53 kA	
[lpk] rated peak withstand current	117 kA	
Radiated magnetic field	17.3 mT	
Thermal stress limit	2809000 kA².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	Outdoor Indoor	
Busbar incoming	Horizontal side	
Polarity	3L + N or 3L + PE or 3L + PEN	
Product certifications	CE[RETURN]ATEX[RETURN]EAC	
Standards	IEC 61439-6	
Dimension type	Made to measure	
Colour	Grey (RAL 7030)	
Linear load	48 kg/m	

The information provided in this documentation contains general descriptions and/or technical characteristics of the performance of the products contained herein. This documentation is not intended as a substitute for and is not to be used for determining suitability of these products for specific user applications. This characteristic is not integrated to perform the appropriate and complete risk analysis, evaluation and testing of the products with respect to the relevant specific application or use thereof. Neither Schneider Electric Industries SAS nor any of its affiliates or subsidiaries shall be responsible or liable for misuse of the information contained herein.

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

Packing Units

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Unit Type of Package 1	PCE	
Number of Units in Package 1	1	
Package 1 Height	30.0 cm	
Package 1 Width	19.0 cm	
Package 1 Length	130.0 cm	
Package 1 Weight	65.52 kg	

Offer Sustainability

Sustainable offer status	Green Premium product
REACh Regulation	☑ REACh Declaration
REACh free of SVHC	Yes
EU RoHS Directive	Compliant [₫] EU RoHS Declaration
Toxic heavy metal free	Yes
Mercury free	Yes
China RoHS Regulation	☑ China RoHS Declaration
RoHS exemption information	₫Yes
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