Product data sheet Characteristics

KRA1000TP3

Phase permutation length, Canalis KRA, aluminium, 1000A, 3L, fixed length 1m, grey RAL7030



Main

Range	Canalis
Product name	KR
Product or component type	Busbar trunking
Busbar description	Phase permutation length
Device short name	KRA
Product specific application	Water and waste water Oil and gas Enterprise data centres Real estate and office buildings Healthcare Mining minerals and metals
Device application	Feeder length
Material	Aluminium
[le] rated operational current	1000 A at 35 °C
Polarity	3L
Length	1000 mm

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	27 kA
[lpk] rated peak withstand current	56 kA
Radiated magnetic field	12.42 mT
Thermal stress limit	729000 kA².s
Maximum voltage drop	<0.016 V with power factor = 0.8 at 50 Hz with 1A for 100 m long <0.0128 V with power factor = 1 at 50 Hz with 1A for 100 m long <0.0157 V with power factor = 0.9 at 50 Hz with 1A for 100 m long <0.0158 V with power factor = 0.7 at 50 Hz with 1A for 100 m long
Mounting location	Indoor Outdoor
Installation direction	Horizontal Vertical
Marking	Left side: L1 L2 L3 Right side: L3 L2 L1
Short-circuit level	Standard version
Product certifications	EAC[RETURN]CE[RETURN]ATEX
Standards	IEC 61439-6
Dimension type	Fix
Width	100 mm
Height	110 mm
Colour	Grey (RAL 7030)
Linear load	26 kg/m

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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	11.0 cm	
Package 1 Width	10.0 cm	
Package 1 Length	100.0 cm	
Package 1 Weight	27.3 kg	

Offer Sustainability

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Sustainable offer status	Green Premium product
REACh Regulation	☑ REACh Declaration
REACh free of SVHC	Yes
EU RoHS Directive	Compliant EEU 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