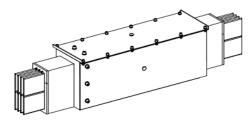
Product data sheet Characteristics

KRA1000DB3 CANALIS KR 3X1000AL EXPANSION UNIT DB





Main

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

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	Vertical Horizontal
Product certifications	ATEX[RETURN]CE[RETURN]EAC
Standards	IEC 61439-6
Dimension type	Fix
Width	269 mm on 570 mm length
Height	140 mm on 570 mm length
Colour	Grey (RAL 7030)
Linear load	26 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 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

Unit Type of Package 1 PCE Number of Units in Package 1 1 Package 1 Height 11 cm Package 1 Width 10 cm Package 1 Length 100 cm Package 1 Weight 27.3 kg			
Package 1 Height 11 cm Package 1 Width 10 cm Package 1 Length 100 cm	Unit Type of Package 1	PCE	
Package 1 Width 10 cm Package 1 Length 100 cm	Number of Units in Package 1	1	
Package 1 Length 100 cm	Package 1 Height	11 cm	
	Package 1 Width	10 cm	
Package 1 Weight 27.3 kg	Package 1 Length	100 cm	
	Package 1 Weight	27.3 kg	

Offer Sustainability

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