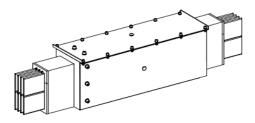
## Product data sheet Characteristics

# KRA5000DB5 CANALIS KR 5X5000AL 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 Mining minerals and metals Water and waste water Real estate and office buildings Healthcare Enterprise data centres
Device application	Feeder length
Material	Aluminium
[le] rated operational current	5000 A at 35 °C
Polarity	3L + N + PE
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	100 kA
[lpk] rated peak withstand current	220 kA
Radiated magnetic field	58.44 mT
Thermal stress limit	10000000 kA².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	Indoor Outdoor
Installation direction	Vertical Horizontal
Earth conductor	Standard earth
Product certifications	EAC[RETURN]CE[RETURN]ATEX
Standards	IEC 61439-6
Dimension type	Fix
Width	314 mm on 570 mm length
Height	566 mm on 570 mm length
Colour	Grey (RAL 7030)
Linear load	161 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	54 cm	
Package 1 Width	12 cm	
Package 1 Length	100 cm	
Package 1 Weight	169.05 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