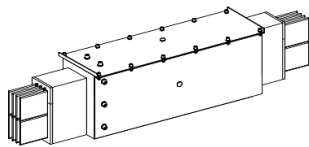


# Product data sheet

Specifications



## CANALIS KR 5X1000CU EXPANSION UNIT DB

KRC1000DB5

### Main

Range	Canalis
Product Name	KR
Product Or Component Type	Expansion unit
Busbar Description	Flexible bar
Device Short Name	KRC
Product Specific Application	Enterprise data centres Mining minerals and metals Oil and gas Healthcare Water and waste water Real estate and office buildings
Device Application	Feeder length
Material	Copper
[Ie] Rated Operational Current	1000 A at 35 °C
Polarity	3L + N + PE
Length	1000 mm

### Complementary

Housing Material	Mineral epoxy resin
Contacts Material	Copper
[Ue] Rated Operational Voltage	1000 V
Network Frequency	50/60 Hz
[Ui] Rated Insulation Voltage	1000 V
[Icw] Rated Short-Time Withstand Current	38 kA
[Ipk] Rated Peak Withstand Current	80 kA
Radiated Magnetic Field	8.79 mT
Thermal Stress Limit	1444000 kA².s
Maximum Voltage Drop	<0.016 V with power factor = 0.8 at 50 Hz with 1A for 100 m long <0.011 V with power factor = 1 at 50 Hz with 1A for 100 m long <0.015 V with power factor = 0.9 at 50 Hz with 1A for 100 m long <0.016 V with power factor = 0.7 at 50 Hz with 1A for 100 m long
Mounting Location	Outdoor Indoor
Installation Direction	Horizontal Vertical
Earth Conductor	Standard earth

Disclaimer: This documentation is not intended as a substitute for and is not to be used for determining suitability or reliability of these products for specific user applications

Product Certifications	ATEX EAC CE
Standards	IEC 61439-6
Dimension Type	Fix
Width	314 mm on 570 mm length
Height	120 mm on 570 mm length
Colour	Grey (RAL 7030)
Linear Load	34 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	0...35 °C (100 % of In) 35...40 °C (96 % of In) 40...45 °C (89 % of In) 45...50 °C (84 % of In) 50...55 °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	9 cm
Package 1 Width	9 cm
Package 1 Length	100 cm
Package 1 Weight	35.7 kg
Unit Type Of Package 2	CAR
Number Of Units In Package 2	1
Package 2 Height	340 cm
Package 2 Width	9 cm
Package 2 Length	9 cm
Package 2 Weight	35.7 kg

## Sustainability

**Green Premium™ label** is Schneider Electric's commitment to delivering products with best-in-class environmental performance. Green Premium promises compliance with the latest regulations, transparency on environmental impacts, as well as circular and low-CO<sub>2</sub> products.

**Guide to assessing product sustainability** is a white paper that clarifies global eco-label standards and how to interpret environmental declarations.

[Learn more about Green Premium >](#)

[Guide to assess a product's sustainability >](#)



Transparency   RoHS/REACH

## Well-being performance

✓ Reach Free Of Svhc

✓ Toxic Heavy Metal Free

✓ Mercury Free

✓ Rohs Exemption Information   [Yes](#)

✓ Halogen Free Product

## Certifications & Standards

Reach Regulation	<a href="#">REACH Declaration</a>
Eu Rohs Directive	Compliant <a href="#">EU RoHS Declaration</a>
China Rohs Regulation	<a href="#">China RoHS declaration</a> Pro-active China RoHS declaration (out of China RoHS legal scope)
Environmental Disclosure	<a href="#">Product Environmental Profile</a>
Weee	The product must be disposed on European Union markets following specific waste collection and never end up in rubbish bins
Circularity Profile	<a href="#">End of Life Information</a>