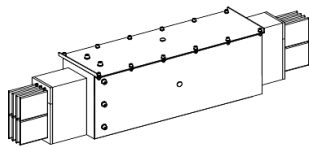


Product data sheet

Specifications



CANALIS KR 4X2500AL EXPANSION UNIT DB

KRA2500DB4

Main

Range	Canalis
Product Name	KR
Product Or Component Type	Expansion unit
Busbar Description	Flexible bar
Device Short Name	KRA
Product Specific Application	Healthcare Real estate and office buildings Enterprise data centres Water and waste water Mining minerals and metals Oil and gas
Device Application	Feeder length
Material	Aluminium
[Ie] Rated Operational Current	2500 A at 35 °C
Polarity	3L + N or 3L + PE or 3L + PEN
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
[Icw] Rated Short-Time Withstand Current	80 kA
[Ipk] Rated Peak Withstand Current	176 kA
Radiated Magnetic Field	27.94 mT
Thermal Stress Limit	6400000 kA².s
Maximum Voltage Drop	<0.0045 V with power factor = 1 at 50 Hz with 1A for 100 m long <0.0062 V with power factor = 0.9 at 50 Hz with 1A for 100 m long <0.0066 V with power factor = 0.8 at 50 Hz with 1A for 100 m long <0.0067 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

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 CE EAC
Standards	IEC 61439-6
Dimension Type	Fix
Width	269 mm on 570 mm length
Height	300 mm on 570 mm length
Colour	Grey (RAL 7030)
Linear Load	68 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	27 cm
Package 1 Width	10 cm
Package 1 Length	100 cm
Package 1 Weight	71.4 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-CO₂ 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	REACH Declaration
Eu Rohs Directive	Compliant EU RoHS Declaration
China Rohs Regulation	China RoHS declaration Pro-active China RoHS declaration (out of China RoHS legal scope)
Environmental Disclosure	Product Environmental Profile
Weee	The product must be disposed on European Union markets following specific waste collection and never end up in rubbish bins
Circularity Profile	End of Life Information