

Product data sheet

Specifications



Straight feeder length, Canalis KR, copper, 4000A, 3L+N+PE, made to measure length 1.5m-2m, grey RAL7030

KRC4000ET520

Main

Range	Canalis
Product Name	KR
Product Or Component Type	Busbar trunking
Busbar Description	Transport length
Device Short Name	KRC
Product Specific Application	Water and waste water Oil and gas Healthcare Enterprise data centres Real estate and office buildings Mining minerals and metals
Device Application	Feeder length
Material	Copper
[Ie] Rated Operational Current	4000 A at 35 °C
Polarity	3L + N + PE
Number Of Tap-Off Outlets	0
Earth Conductor	Standard earth
Short-Circuit Level	Standard version
Length	1501...2000 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	100 kA
[Ipk] Rated Peak Withstand Current	220 kA
Radiated Magnetic Field	37.09 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 <0.0031 V with power factor = 0.9 at 50 Hz with 1A for 100 m long <0.0033 V with power factor = 0.8 at 50 Hz with 1A for 100 m long <0.0033 V with power factor = 0.7 at 50 Hz with 1A for 100 m long

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

Mounting Location	Indoor
	Outdoor
Installation Direction	Vertical
	Horizontal
Product Certifications	CE
	ATEX
	EAC
Standards	IEC 61439-1
	IEC 61439-6
Dimension Type	Made to measure
Width	120 mm
Height	380 mm
Colour	Grey (RAL 7030)
Linear Load	172 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 60331-12
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	38.0 cm
Package 1 Width	12.0 cm
Package 1 Length	200.0 cm
Package 1 Weight	361.2 kg

Sustainability

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

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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