

Product data sheet

Specifications



Phase balance length, Canalis KRA, aluminium, 2500A, 3L, fixed length 1m, grey RAL7030

KRA2500TO3

Main

Range	Canalis
Product Name	KR
Product Or Component Type	Busbar trunking
Busbar Description	Phase balance
Device Short Name	KRA
Product Specific Application	Mining minerals and metals Water and waste water Real estate and office buildings Enterprise data centres Oil and gas Healthcare
Device Application	Feeder length
Material	Aluminium
[Ie] Rated Operational Current	2500 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
[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	Horizontal Vertical
Short-Circuit Level	Standard version

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	EAC CE ATEX
Standards	IEC 61439-6
Dimension Type	Fix
Width	100 mm
Height	270 mm
Colour	Grey (RAL 7030)
Linear Load	61 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	27.0 cm
Package 1 Width	10.0 cm
Package 1 Length	100.0 cm
Package 1 Weight	64.05 kg

Sustainability

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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