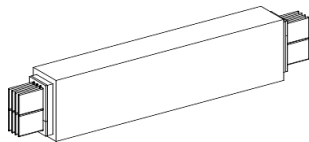# Product data sheet

Specifications

Straight feeder length, Canalis KR, aluminium, 1600A, 3L, fire rated, made to measure length 2.5m-3m, grey RAL7030

KRA1600FT330

Main

Range	Canalis
Product Name	KR
Product Or Component Type	Busbar trunking
Busbar Description	Transport length Fire rated
Device Short Name	KRA
Product Specific Application	Water and waste water Real estate and office buildings Enterprise data centres Healthcare Oil and gas Mining minerals and metals
Device Application	Feeder length
Material	Aluminium
[Ie] Rated Operational Current	1600 A at 35 °C
Polarity	3L
Number Of Tap-Off Outlets	0
Short-Circuit Level	Standard version
Length	2501…3000 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	53 kA
[Ipk] Rated Peak Withstand Current	117 kA
Radiated Magnetic Field	17.3 mT
Thermal Stress Limit	2809000 kA².s
Maximum Voltage Drop	<0.0062 V with power factor = 1 at 50 Hz with 1A for 100 m long <0.0091 V with power factor = 0.9 at 50 Hz with 1A for 100 m long <0.0098 V with power factor = 0.8 at 50 Hz with 1A for 100 m long <0.0101 V with power factor = 0.7 at 50 Hz with 1A for 100 m long
Mounting Location	Outdoor Indoor

Installation Direction	Horizontal
	Vertical
Product Certifications	CE
	ATEX
	EAC
Standards	IEC 61439-1
	IEC 61439-6
Dimension Type	Made to measure
Width	140 mm
Height	270 mm
Colour	Grey (RAL 7030)
Linear Load	43 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	1000 °C 90 min conforming to DIN 4102-12 2000
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	14.0 cm
Package 1 Length	300.0 cm
Package 1 Weight	135.45 kg

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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.

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