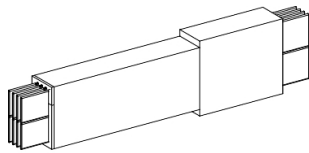# Product data sheet

Specifications

Reduction unit, Canalis KRA, aluminium, 1600A, 3L, fixed length 1m, fire rated, grey RAL7030

KRA1600RU3

Main

Range	Canalis
Product Name	KR
Product Or Component Type	Reducer
Busbar Description	Fire rated
Device Short Name	KRA
Range Compatibility	Canalis KRA Canalis KTA
Material	Aluminium
[Ie] Rated Operational Current	1600 A at 35 °C
Polarity	3L
Length	1000 mm

Complementary

Accessory / Separate Part Category	Adaptation accessory
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	Indoor use only
Installation Direction	Vertical Horizontal
Product Certifications	CE EAC ATEX
Standards	IEC 61439-6

Width	100 mm
Height	230 mm
Colour	Grey (RAL 7030)
Linear Load	43 kg/m

Environment

Ip Degree Of Protection	IP55 conforming to IEC 60529
Ik Degree Of Protection	IK08 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	19 cm
Package 1 Width	10 cm
Package 1 Length	100 cm
Package 1 Weight	45.15 kg

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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