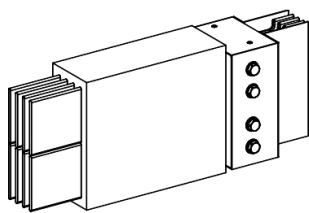# Product data sheet

Specifications

Adaptor, Canalis KRA, aluminium, 1600A, 3L+N/3L+PEN, fixed length 600mm, interconnection with Canalis KTA 3L+N+PE/3L+PEN

KRA1600RT44

Main

Range	Canalis
Product Name	KR
Product Or Component Type	Adaptor
Device Short Name	KRA
Range Compatibility	Canalis KRA Canalis KTA
Material	Aluminium
[Ie] Rated Operational Current	1600 A at 35 °C
Polarity	3L + N or 3L + PE or 3L + PEN
Length	600 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	Horizontal Vertical
Earth Conductor	Standard earth
Product Certifications	ATEX CE EAC
Standards	IEC 61439-6

Width	KT: 140 mm
	KR: 100 mm

Height	KR: 190 mm
	KT: 164 mm

Colour	Grey (RAL 7030)

Linear Load	48 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	60 cm

Package 1 Weight	30.24 kg

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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