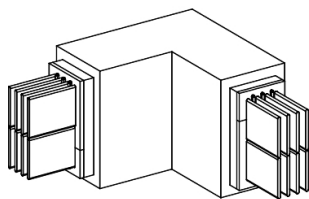


# Product data sheet

Specifications



Flat elbow, Canalis KRA, aluminium,  
1600A, fire rated, 3L+N/3L+PE/  
3L+PEN, made to measure length  
0.3-0.7m, grey RAL7030

KRA1600FP4B

## Main

Range	Canalis
Product Name	KR
Product Or Component Type	Elbow
Device Short Name	KRA
Product Specific Application	Healthcare Mining minerals and metals Real estate and office buildings Enterprise data centres Oil and gas Water and waste water
Device Application	Change direction
Material	Aluminium
[Ie] Rated Operational Current	1600 A at 35 °C
Polarity	3L + N or 3L + PE or 3L + PEN
Direction Change Type	direction 1: flat to right
Operating Angle	90 °
Earth Conductor	Standard earth
Short-Circuit Level	Standard version

## 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	Indoor Outdoor

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	ATEX EAC CE
Standards	IEC 61439-6
Dimension Type	Made to measure
Width	140 mm
Height	270 mm
Length	300...700 mm
Colour	Grey (RAL 7030)
Linear Load	48 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	30.0 cm
Package 1 Length	70.0 cm
Package 1 Weight	50.4 kg

## Sustainability

**Green Premium™ label** is Schneider Electric's commitment to delivering products with best-in-class environmental performance. Green Premium promises compliance with the latest regulations, transparency on environmental impacts, as well as circular and low-CO<sub>2</sub> products.

**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	<a href="#">REACH Declaration</a>
Eu Rohs Directive	Compliant <a href="#">EU RoHS Declaration</a>
China Rohs Regulation	<a href="#">China RoHS declaration</a> Pro-active China RoHS declaration (out of China RoHS legal scope)
Environmental Disclosure	<a href="#">Product Environmental Profile</a>
Weee	The product must be disposed on European Union markets following specific waste collection and never end up in rubbish bins
Circularity Profile	<a href="#">End of Life Information</a>