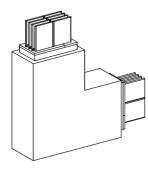
# Product data sheet

Specifications



Edgewise elbow, Canalis KRA, aluminium, 800A, fire rated, 3L, fixed length 0.35m, grey RAL7030

KRA0800FC3A

#### Main

Range	Canalis
Product Name	KR
Product Or Component Type	Elbow
Device Short Name	KRA
Product Specific Application	Healthcare Oil and gas Enterprise data centres Water and waste water Real estate and office buildings Mining minerals and metals
Device Application	Change direction
Material	Aluminium
[le] Rated Operational Current	800 A at 35 °C
Polarity	3L
Direction Change Type	direction 1: edgewise to upward
Operating Angle	90 °
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	27 kA
[Ipk] Rated Peak Withstand Current	56 kA
Radiated Magnetic Field	8.79 mT
Thermal Stress Limit	729000 kA².s
Maximum Voltage Drop	<0.0166 V with power factor = 1 at 50 Hz with 1A for 100 m long <0.0169 V with power factor = 0.9 at 50 Hz with 1A for 100 m long <0.016 V with power factor = 0.8 at 50 Hz with 1A for 100 m long <0.0149 V with power factor = 0.7 at 50 Hz with 1A for 100 m long
Mounting Location	Outdoor Indoor

Product Certifications	EAC CE ATEX
Standards	IEC 61439-6
Dimension Type	Fix
Width	140 mm
Height	150 mm
Length	500 mm
Colour	Grey (RAL 7030)
Linear Load	21 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	035 °C (100 % of In)
	3540 °C (96 % of In)
	4045 °C (89 % of In)
	4550 °C (84 % of In)
	5055 °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	15.0 cm
Package 1 Width	50.0 cm
Package 1 Length	50.0 cm
Package 1 Weight	22.05 kg

### Sustainability

**Green Premium<sup>TM</sup> label** is Schneider Electric's commitment to delivering products with best-inclass 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 >



Eq

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