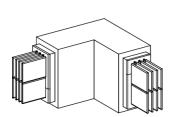
Specifications



Flat elbow, Canalis KRC, copper, 5000A, fire rated, 3L+N+PE, made to measure length 0.3-0.7m, grey RAL7030

KRC5000FP5B

### Main

Range	Canalis
Product Name	KR
Product Or Component Type	Elbow
Device Short Name	KRC
Product Specific Application	Oil and gas Real estate and office buildings Water and waste water Healthcare Mining minerals and metals Enterprise data centres
Device Application	Change direction
Material	Copper
[le] Rated Operational Current	5000 A at 35 °C
Polarity	3L + N + PE
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	Copper
[Ue] Rated Operational Voltage	1000 V
Network Frequency	50/60 Hz
[Ui] Rated Insulation Voltage	1000 V
[Icw] Rated Short-Time Withstand Current	125 kA
[Ipk] Rated Peak Withstand Current	275 kA
Radiated Magnetic Field	44.03 mT
Thermal Stress Limit	1000000 kA².s
Maximum Voltage Drop	<0.002 V with power factor = 1 at 50 Hz with 1A for 100 m long <0.003 V with power factor = 0.9 at 50 Hz with 1A for 100 m long <0.003 V with power factor = 0.8 at 50 Hz with 1A for 100 m long <0.003 V with power factor = 0.7 at 50 Hz with 1A for 100 m long
Mounting Location	Indoor Outdoor

Product Certifications	EAC ATEX CE
Standards	IEC 61439-6
Dimension Type	Made to measure
Width	160 mm
Height	580 mm
Length	300700 mm
Colour	Grey (RAL 7030)
Linear Load	211 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)
	35…40 °C (96 % of In)
	40…45 °C (89 % of In)
	45…50 °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	58.0 cm
Package 1 Width	30.0 cm
Package 1 Length	70.0 cm
Package 1 Weight	221.55 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