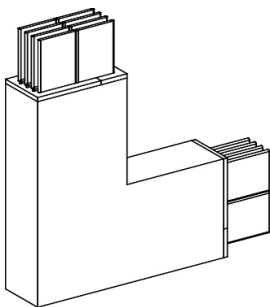


Product data sheet

Specifications



Edgewise elbow, Canalis KRC,
copper, 5000A, 3L, fixed length
0.5m, grey RAL7030

KRC5000LC3A

Main

Range	Canalis
Product Name	KR
Product Or Component Type	Elbow
Device Short Name	KRC
Product Specific Application	Mining minerals and metals Real estate and office buildings Enterprise data centres Oil and gas Healthcare Water and waste water
Device Application	Change direction
Material	Copper
[Ie] Rated Operational Current	5000 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	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	10000000 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

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	EAC ATEX CE
Standards	IEC 61439-6
Dimension Type	Fix
Width	100 mm
Height	460 mm
Length	500 mm
Colour	Grey (RAL 7030)
Linear Load	155 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	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	46.0 cm
Package 1 Width	50.0 cm
Package 1 Length	50.0 cm
Package 1 Weight	162.75 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-CO₂ 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	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