

# Product data sheet

Specifications



Phase permutation length, Canalis  
KRC, copper, 6300A, 3L, fixed  
length 1m, grey RAL7030

KRC6300TP3

## Main

Range	Canalis
Product Name	KR
Product Or Component Type	Busbar trunking
Busbar Description	Phase permutation length
Device Short Name	KRC
Product Specific Application	Water and waste water Oil and gas Enterprise data centres Healthcare Real estate and office buildings Mining minerals and metals
Device Application	Feeder length
Material	Copper
[Ie] Rated Operational Current	6300 A at 35 °C
Polarity	3L
Length	1000 mm

## 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	58.44 mT
Thermal Stress Limit	10000000 kA².s
Maximum Voltage Drop	<0.001 V with power factor = 1 at 50 Hz with 1A for 100 m long <0.002 V with power factor = 0.9 at 50 Hz with 1A for 100 m long <0.002 V with power factor = 0.8 at 50 Hz with 1A for 100 m long <0.002 V with power factor = 0.7 at 50 Hz with 1A for 100 m long
Mounting Location	Outdoor Indoor
Installation Direction	Vertical Horizontal

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

Marking	Left side: L1 L2 L3 Right side: L3 L2 L1
Short-Circuit Level	Standard version
Product Certifications	ATEX EAC CE
Standards	IEC 61439-6
Dimension Type	Fix
Width	100 mm
Height	540 mm
Colour	Grey (RAL 7030)
Linear Load	182 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	54.0 cm
Package 1 Width	10.0 cm
Package 1 Length	100.0 cm
Package 1 Weight	191.1 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>