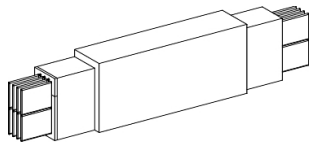


Product data sheet

Specifications



Neutral permutation length, Canalis
KRC, copper, 6300A, 3L+N/3L+PE/
3L+PEN, fixed length 1m, grey
RAL7030

KRC6300TN4

Main

| | |
|--------------------------------|---|
| Range | Canalis |
| Product Name | KR |
| Product Or Component Type | Busbar trunking |
| Busbar Description | Neutral permutation length |
| Device Short Name | KRC |
| Product Specific Application | Real estate and office buildings Oil and gas Enterprise data centres Water and waste water Healthcare Mining minerals and metals |
| Device Application | Feeder length |
| Material | Copper |
| [Ie] Rated Operational Current | 6300 A at 35 °C |
| Polarity | 3L + N or 3L + PE or 3L + PEN |
| 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 N Right side: N L1 L2 L3 |
| Earth Conductor | Standard earth |
| 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 | 205 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 | 215.25 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 |