

Product data sheet

Specifications



Straight feeder length, Canalis KR, aluminium, 4000A, 3L+N+PE, made to measure length 0.3m-1m, grey RAL7030

KRA4000ET510

Main

| | |
|--------------------------------|---|
| Range | Canalis |
| Product Name | KR |
| Product Or Component Type | Busbar trunking |
| Busbar Description | Transport length |
| Device Short Name | KRA |
| Product Specific Application | Enterprise data centres Real estate and office buildings Healthcare Water and waste water Oil and gas Mining minerals and metals |
| Device Application | Feeder length |
| Material | Aluminium |
| [Ie] Rated Operational Current | 4000 A at 35 °C |
| Polarity | 3L + N + PE |
| Number Of Tap-Off Outlets | 0 |
| Earth Conductor | Standard earth |
| Short-Circuit Level | Standard version |
| Length | 300...1000 mm |

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 | 100 kA |
| [Ipk] Rated Peak Withstand Current | 220 kA |
| Radiated Magnetic Field | 44.03 mT |
| Thermal Stress Limit | 10000000 kA².s |
| Maximum Voltage Drop | <0.0026 V with power factor = 1 at 50 Hz with 1A for 100 m long <0.0043 V with power factor = 0.9 at 50 Hz with 1A for 100 m long <0.0048 V with power factor = 0.8 at 50 Hz with 1A for 100 m long <0.005 V with power factor = 0.7 at 50 Hz with 1A for 100 m long |

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

| | |
|------------------------|-----------------|
| Mounting Location | Indoor |
| | Outdoor |
| Installation Direction | Vertical |
| | Horizontal |
| Product Certifications | EAC |
| | CE |
| | ATEX |
| Standards | IEC 61439-1 |
| | IEC 61439-6 |
| Dimension Type | Made to measure |
| Width | 120 mm |
| Height | 460 mm |
| Colour | Grey (RAL 7030) |
| Linear Load | 137 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 | 12.0 cm |
| Package 1 Length | 100.0 cm |
| Package 1 Weight | 143.85 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 |