

Edgewise tee, Canalis KRC, copper, 2000A, 3L+N+PE, fixed length 0.35m, grey RAL7030

KRC2000TC5A

### Main

| Range                          | Canalis  |
|--------------------------------|--|
| Product Name                   | KR   |
| Product Or Component Type      | Tee  |
| Device Short Name              | KRC  |
| Product Specific Application   | Mining minerals and metals Healthcare Real estate and office buildings Oil and gas Enterprise data centres Water and waste water |
| Device Application             | Change direction   |
| Material                       | Copper   |
| [le] Rated Operational Current | 2000 A at 35 °C  |
| Polarity                       | 3L + N + PE  |
| Direction Change Type          | direction 1: edgewise to perpendicular   |
| 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 | 80 kA   |
| [lpk] Rated Peak Withstand<br>Current    | 176 kA  |
| Radiated Magnetic Field                  | 17.3 mT   |
| Thermal Stress Limit                     | 4225000 kA².s   |
| Maximum Voltage Drop                     | <0.004 V with power factor = 1 at 50 Hz with 1A for 100 m long <0.006 V with power factor = 0.9 at 50 Hz with 1A for 100 m long <0.007 V with power factor = 0.8 at 50 Hz with 1A for 100 m long <0.007 V with power factor = 0.7 at 50 Hz with 1A for 100 m long |
| Mounting Location                        | Outdoor<br>Indoor   |

| Product Certifications | EAC<br>CE<br>ATEX   |  |
|------------------------|---|--|
| Standards              | IEC 61439-6   |  |
| Dimension Type         | Fix   |  |
| Width                  | 120 mm  |  |
| Height                 | 190 mm  |  |
| Length                 | direction 1: 350 mm<br>direction 3: 350 mm<br>direction 2: 350 mm |  |
| Colour                 | Grey (RAL 7030)   |  |
| Linear Load            | 87 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              | 035 °C (100 % of In)                     |
|                              | 3540 °C (96 % of In)                     |
|                              | 4045 °C (89 % of In)                     |
|                              | 4550 °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             | 33.0 cm |
| Package 1 Width              | 34.0 cm |
| Package 1 Length             | 35.0 cm |
| Package 1 Weight             | 96.0 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.

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Transparency RoHS/REACh

### Well-being performance

| <b>Ø</b> | Reach Free Of Svhc             |
|----------|--------------------------------|
|          | Toxic Heavy Metal Free         |
| <b>②</b> | Mercury Free                   |
| <b>Ø</b> | Rohs Exemption Information Yes |
| <b>②</b> | 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   |