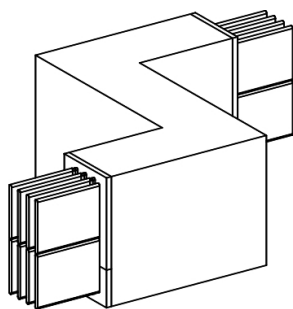


# Product data sheet

Specifications



Flat zed unit, Canalis KRA,  
aluminium, 1250A, 3L, made to  
measure, grey RAL7030

KRA1250ZP3

## Main

|                                |   |
|--------------------------------|---|
| Range                          | Canalis   |
| Product Name                   | KR  |
| Product Or Component Type      | Zed elbow   |
| Device Short Name              | KRA   |
| Product Specific Application   | Water and waste water<br>Enterprise data centres<br>Healthcare<br>Real estate and office buildings<br>Mining minerals and metals<br>Oil and gas |
| Device Application             | Change direction  |
| Material                       | Aluminium   |
| [Ie] Rated Operational Current | 1250 A at 35 °C   |
| Polarity                       | 3L  |
| Short-Circuit Level            | Standard version  |

## 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 | 53 kA   |
| [Ipk] Rated Peak Withstand Current       | 117 kA  |
| Radiated Magnetic Field                  | 14.68 mT  |
| Thermal Stress Limit                     | 2809000 kA².s   |
| Maximum Voltage Drop                     | <0.0102 V with power factor = 1 at 50 Hz with 1A for 100 m long<br><0.013 V with power factor = 0.9 at 50 Hz with 1A for 100 m long<br><0.0134 V with power factor = 0.8 at 50 Hz with 1A for 100 m long<br><0.0133 V with power factor = 0.7 at 50 Hz with 1A for 100 m long |
| Linear Resistance                        | L: R20 20 °C= 0.048 mΩ/m<br>L: R1 35 °C= 0.059 mΩ/m at Inc and 50 Hz<br>L: X1 35 °C= 0.05 mΩ/m at Inc and 50 Hz<br>L: Z1 35 °C= 0.079 mΩ/m at Inc and 50 Hz   |
| Mounting Location                        | Indoor<br>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 | ATEX<br>EAC<br>CE   |
| Standards              | IEC 61439-6   |
| Width                  | 100 mm  |
| Height                 | 130 mm  |
| Colour                 | Grey (RAL 7030)   |
| Length                 | direction 1: 300...700 mm<br>direction 2: 1...700 mm<br>direction 3: 300...700 mm |
| Linear Load            | 30 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)<br>35...40 °C (96 % of In)<br>40...45 °C (89 % of In)<br>45...50 °C (84 % of In)<br>50...55 °C (78 % of In)   |
| Operating Altitude           | 1000 m 100 % of In (indoor)<br>2000 m 99 % of In (indoor)<br>3000 m 96 % of In (indoor)<br>4000 m 90 % of In (indoor)<br>1000 m 98 % of In (outdoor)<br>2000 m 94 % of In (outdoor)<br>3000 m 89 % of In (outdoor)<br>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             | 39.0 cm |
| Package 1 Width              | 40.0 cm |
| Package 1 Length             | 40.0 cm |
| Package 1 Weight             | 37.8 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<br><a href="#">EU RoHS Declaration</a>  |
| China Rohs Regulation    | <a href="#">China RoHS declaration</a><br>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>   |