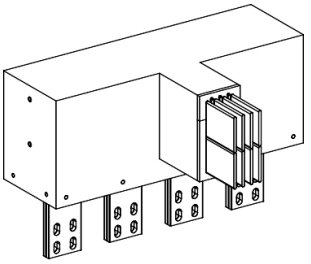
# Product datasheet

Specifications



## CANALIS KR 4X0800AL EDGEWISE ELBOW FEED UNIT ER5

KRA0800ER45

**EAN Code: 3606480955570**

## Main

| | |
|---|---|
| **Range** | Canalis |
| **Product Name** | KR |
| **Product Or Component Type** | Edgewise elbow feeder trunking |
| **Device Short Name** | KRA |
| **Product Specific Application** | Oil and gas<br>Water and waste water<br>Mining minerals and metals<br>Healthcare<br>Real estate and office buildings<br>Enterprise data centres |
| **Device Application** | Feeder length |
| **Supply** | Oil-immersed transformer<br>Switchboard |
| **Material** | Aluminium |
| **[Ie] Rated Operational Current** | 800 A at 35 °C |
| **Busbar/Connection Pads Direction Type** | Edgewise to perpendicular |
| **Earth Conductor** | Standard earth |
| **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** | 27 kA |
| **[Ipk] Rated Peak Withstand Current** | 56 kA |
| **Radiated Magnetic Field** | 8.79 mT |
| **Thermal Stress Limit** | 729000 kA².s |
| **Maximum Voltage Drop** | <0.0166 V with power factor = 1 at 50 Hz with 1A for 100 m long<br><0.0169 V with power factor = 0.9 at 50 Hz with 1A for 100 m long<br><0.016 V with power factor = 0.8 at 50 Hz with 1A for 100 m long<br><0.0149 V with power factor = 0.7 at 50 Hz with 1A for 100 m long |
| **Mounting Location** | Indoor<br>Outdoor |
| **Busbar Incoming** | 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

| | |
|---|---|
| **Polarity** | 3L + N or 3L + PE or 3L + PEN |
| **Product Certifications** | EAC<br>CE<br>ATEX |
| **Standards** | IEC 61439-6 |
| **Dimension Type** | Made to measure |
| **Colour** | Grey (RAL 7030) |
| **Linear Load** | 22 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** | 9.0 cm |
| **Package 1 Width** | 50.0 cm |
| **Package 1 Length** | 120.0 cm |
| **Package 1 Weight** | 39.27 kg |

## Contractual warranty

| | |
|---|---|
| **Warranty** | 18 months |

## 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-$CO_2$ 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<br>EU RoHS Declaration |
| **China Rohs Regulation** | China RoHS declaration<br>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 |