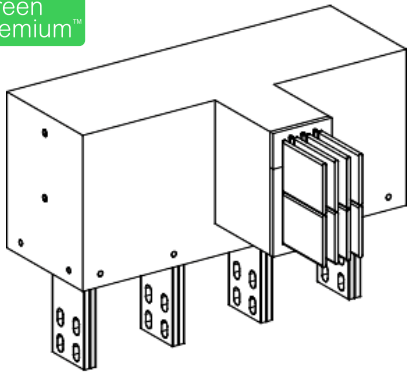


# Product data sheet

Specifications



## CANALIS KR 4X4000AL EDGEWISE ELBOW FEED UNIT ER4

KRA4000ER44

### Main

|                                       |   |
|---------------------------------------|---|
| Range                                 | Canalis   |
| Product name                          | KR  |
| Product or component type             | Edgewise elbow feeder trunking  |
| Device short name                     | KRA   |
| Product specific application          | Mining minerals and metals<br>Real estate and office buildings<br>Oil and gas<br>Healthcare<br>Enterprise data centres<br>Water and waste water |
| Device application                    | Feeder length   |
| Supply                                | Switchboard<br>Oil-immersed transformer   |
| Material                              | Aluminium   |
| [Ie] rated operational current        | 4000 A at 35 °C   |
| Busbar/Connection pads direction type | Edgewise to straight  |
| 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 | 100 kA  |
| [Ipk] rated peak withstand current       | 220 kA  |
| Radiated magnetic field                  | 44.03 mT  |
| Thermal stress limit                     | 10000 A².s  |
| Maximum voltage drop                     | <0.0026 V with power factor = 1 at 50 Hz with 1A for 100 m long<br><0.0043 V with power factor = 0.9 at 50 Hz with 1A for 100 m long<br><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 |
| Mounting location      | Indoor<br>Outdoor  |
| Busbar incoming        | Horizontal   |
| Polarity               | 3L + N or 3L + PE or 3L + PEN                                    |
| Product certifications | EAC<br>ATEX<br>CE  |
| Standards              | IEC 61439-6  |
| Dimension type         | Made to measure  |
| Colour                 | Grey (RAL 7030)  |
| Linear load            | 115 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             | 46.0 cm    |
| Package 1 Width              | 50.0 cm    |
| Package 1 Length             | 80.0 cm    |
| Package 1 Weight             | 156.975 kg |

## Offer Sustainability

|                            |   |
|----------------------------|---|
| Sustainable offer status   | Green Premium product   |
| REACH Regulation           | <a href="#">REACH Declaration</a>   |
| REACH free of SVHC         | Yes   |
| EU RoHS Directive          | Compliant<br><a href="#">EU RoHS Declaration</a>  |
| Toxic heavy metal free     | Yes   |
| Mercury free               | Yes   |
| RoHS exemption information | <a href="#">Yes</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>   |
| Circularity Profile         | <a href="#">End of Life Information</a>   |
| WEEE                        | The product must be disposed on European Union markets following specific waste collection and never end up in rubbish bins |
| Halogen content performance | Halogen free product  |

Recommended replacement(s)