



### Main

|                                       |   |
|---------------------------------------|---|
| Range                                 | Canalis   |
| Product name                          | KR  |
| Product or component type             | Straight feeder trunking  |
| Device short name                     | KRA   |
| Product specific application          | Enterprise data centres<br>Oil and gas<br>Healthcare<br>Water and waste water<br>Real estate and office buildings<br>Mining minerals and metals |
| 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 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 | 27 kA               |
| [Ipk] rated peak withstand current       | 56 kA               |
| Radiated magnetic field                  | 8.79 mT             |

|                        |   |
|------------------------|---|
| Thermal stress limit   | 729 A <sup>2</sup> .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      | Outdoor<br>Indoor   |
| Busbar incoming        | Vertical  |
| Polarity               | 3L + N + PE   |
| Product certifications | EAC<br>CE<br>ATEX   |
| Standards              | IEC 61439-6   |
| Dimension type         | Fix   |
| Connection pitch       | 115 mm  |
| 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<br>Halogen free   |

## Packing Units

|                              |         |
|------------------------------|---------|
| Unit Type of Package 1       | PCE     |
| Number of Units in Package 1 | 1       |
| Package 1 Weight             | 23.1 kg |
| Package 1 Height             | 9 cm    |
| Package 1 width              | 50 cm   |
| Package 1 Length             | 50 cm   |

## Offer Sustainability

|                            |   |
|----------------------------|---|
| Sustainable offer status   | Green Premium product   |
| 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  |

