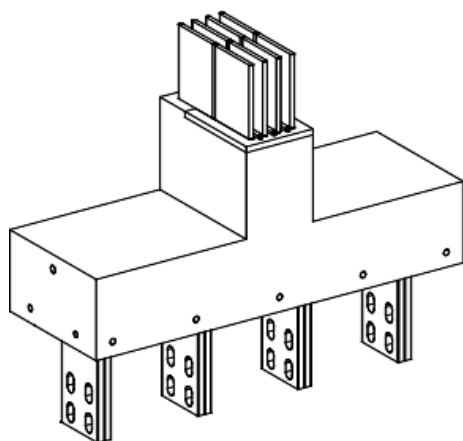




### Main

|                                       |                                                                                                                                                 |
|---------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------|
| Range                                 | Canalis                                                                                                                                         |
| Product name                          | KR                                                                                                                                              |
| Product or component type             | Straight feeder trunking                                                                                                                        |
| Device short name                     | KRA                                                                                                                                             |
| Product specific application          | Water and waste water<br>Healthcare<br>Enterprise data centres<br>Real estate and office buildings<br>Mining minerals and metals<br>Oil and gas |
| Device application                    | Feeder length                                                                                                                                   |
| Supply                                | Oil-immersed transformer<br>Switchboard                                                                                                         |
| Material                              | Aluminium                                                                                                                                       |
| [Ie] rated operational current        | 4000 A at 35 °C                                                                                                                                 |
| Busbar/Connection pads direction type | Edgewise to straight                                                                                                                            |
| 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<br><0.005 V with power factor = 0.7 at 50 Hz with 1A for 100 m long |
| Mounting location      | Indoor<br>Outdoor                                                                                                                                                                                                                                                             |
| Busbar incoming        | Vertical                                                                                                                                                                                                                                                                      |
| Polarity               | 3L                                                                                                                                                                                                                                                                            |
| Product certifications | CE<br>EAC<br>ATEX                                                                                                                                                                                                                                                             |
| Standards              | IEC 61439-6                                                                                                                                                                                                                                                                   |
| Dimension type         | Made to measure                                                                                                                                                                                                                                                               |
| Colour                 | Grey (RAL 7030)                                                                                                                                                                                                                                                               |
| Linear load            | 102 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             | 139.23 kg |
| Package 1 Height             | 46 cm     |
| Package 1 width              | 50 cm     |
| Package 1 Length             | 80 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                                                                                                        |

