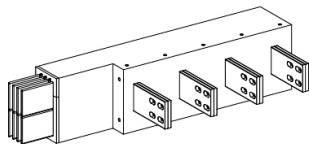


# Product data sheet

Specifications



Long feed unit, Canalis KRA,  
aluminium, 5000A, 3L+N/3L+PE/  
3L+PEN, made to measure  
dimensions, grey RAL7030

KRA5000EL42

## Main

|  |   |
|--|---|
| Range                                    | Canalis   |
| Product Name                             | KR  |
| Product Or Component Type                | Long feeder trunking  |
| Device Short Name                        | KRA   |
| Product Specific Application             | Water and waste water<br>Healthcare<br>Enterprise data centres<br>Mining minerals and metals<br>Oil and gas<br>Real estate and office buildings |
| Device Application                       | Feeder length   |
| Supply                                   | Oil-immersed transformer<br>Switchboard   |
| Material                                 | Aluminium   |
| [Ie] Rated Operational Current           | 5000 A at 35 °C   |
| Busbar/Connection Pads<br>Direction Type | Flat 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<br>Current | 100 kA   |
| [Ipk] Rated Peak Withstand<br>Current       | 220 kA   |
| Radiated Magnetic Field                     | 58.44 mT   |
| Thermal Stress Limit                        | 10000000 kA².s   |
| Maximum Voltage Drop                        | <0.0023 V with power factor = 1 at 50 Hz with 1A for 100 m long<br><0.0038 V with power factor = 0.9 at 50 Hz with 1A for 100 m long<br><0.0042 V with power factor = 0.8 at 50 Hz with 1A for 100 m long<br><0.0044 V with power factor = 0.7 at 50 Hz with 1A for 100 m long |
| Mounting Location                           | Outdoor<br>Indoor  |
| Busbar Incoming                             | Horizontal side  |

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 | CE<br>ATEX<br>EAC             |
| Standards              | IEC 61439-6                   |
| Dimension Type         | Made to measure               |
| Colour                 | Grey (RAL 7030)               |
| Linear Load            | 135 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             | 30.0 cm    |
| Package 1 Width              | 54.0 cm    |
| Package 1 Length             | 130.0 cm   |
| Package 1 Weight             | 184.275 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>   |