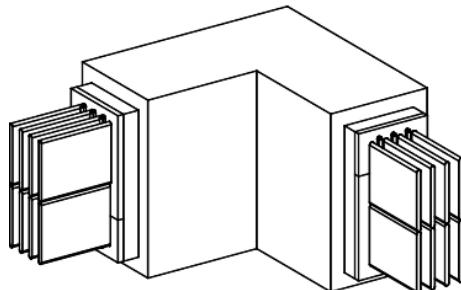


# Product data sheet

## Characteristics

# KRA4000FP4C

Flat elbow, Canalis KRA, aluminium, 4000A, fire rated, 3L+N/3L+PE/3L+PEN, made to measure length 0.3-1.15m, grey RAL7030



### Main

|                                |   |
|--------------------------------|---|
| Range                          | Canalis   |
| Product name                   | KR  |
| Product or component type      | Elbow   |
| Device short name              | KRA   |
| Product specific application   | Mining minerals and metals<br>Real estate and office buildings<br>Healthcare<br>Oil and gas<br>Water and waste water<br>Enterprise data centres |
| Device application             | Change direction  |
| Material                       | Aluminium   |
| [Ie] rated operational current | 4000 A at 35 °C   |
| Polarity                       | 3L + N or 3L + PE or 3L + PEN   |
| Direction change type          | Direction 1: flat to right  |
| Operating angle                | 90 °  |
| 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                     | 10000000 kA <sup>2</sup> .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                        | Outdoor<br>Indoor   |
| Product certifications                   | CE[RETURN]EAC[RETURN]ATEX   |
| Standards                                | IEC 61439-6   |
| Dimension type                           | Made to measure   |
| Width                                    | 140 mm  |
| Height                                   | 580 mm  |
| Length                                   | 300...1200 mm   |
| 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              | 1000 °C 90 min conforming to DIN 4102-12 2000   |
| 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             | 58.0 cm    |
| Package 1 Width              | 30.0 cm    |
| Package 1 Length             | 120.0 cm   |
| Package 1 Weight             | 181.125 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  <a href="#">EU RoHS Declaration</a> |
| Toxic heavy metal free      | Yes   |
| Mercury free                | Yes   |
| China RoHS Regulation       |  <a href="#">China RoHS Declaration</a>        |
| RoHS exemption information  |  Yes   |
| 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  |