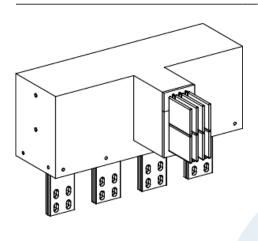
Product data sheet Characteristics

KRA4000ER55 CANALIS KR 5X4000AL EDGEWISE ELBOW FEED UNIT ER5





Main

| Main | | Š |
|---------------------------------------|--|----------------------------|
| Range | Canalis | _ , |
| Product name | KR | - 5 |
| Product or component type | Edgewise elbow feeder trunking | - 2 |
| Device short name | KRA | - 44 |
| Product specific application | Healthcare Real estate and office buildings Enterprise data centres Mining minerals and metals Water and waste water Oil and gas | Suitability or reliability |
| Device application | Feeder length | - 0 |
| Supply | Oil-immersed transformer Switchboard | - determ |
| Material | Aluminium | - Pad |
| [le] rated operational current | 4000 A at 35 °C | <u>-</u> و |
| Busbar/Connection pads direction type | Edgewise to perpendicular | - 01 10 |
| Earth conductor | Standard earth | _ <u>.</u> |
| Short-circuit level | Standard version | - fc |
| | | |

Complementary

| Housing material | Mineral epoxy resin | |
|--|---------------------|--------------|
| Contacts material | Tinned aluminium | — a |
| [Ue] rated operational voltage | 1000 V | — <u>i</u> |
| Network frequency | 50/60 Hz | — <u>.s.</u> |
| [Ui] rated insulation voltage | 1000 V | -intatic |
| [lcw] rated short-time withstand current | 100 kA | -cume |
| [lpk] rated peak withstand current | 220 kA | — ob si |
| Radiated magnetic field | 44.03 mT | F |
| | | E |

| 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 <0.0043 V with power factor = 0.9 at 50 Hz with 1A for 100 m long <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 Outdoor |
| Busbar incoming | Horizontal |
| Polarity | 3L + N + PE |
| Product certifications | ATEX EAC CE |
| Standards | IEC 61439-6 |
| Dimension type | Made to measure |
| Colour | Grey (RAL 7030) |
| Linear load | 137 kg/m |

Environment

| LITVITOTITICITE | |
|------------------------------|--|
| 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 | 035 °C (100 % of ln) 3540 °C (96 % of ln) 4045 °C (89 % of ln) 4550 °C (84 % of ln) 5055 °C (78 % of ln) |
| Operating altitude | 1000 m 100 % of In (indoor) 2000 m 99 % of In (indoor) 3000 m 96 % of In (indoor) 4000 m 90 % of In (indoor) 1000 m 98 % of In (outdoor) 2000 m 94 % of In (outdoor) 3000 m 89 % of In (outdoor) 4000 m 83 % of In (outdoor) |
| Environmental characteristic | EMC directive conforming to IEC 61439-6 Halogen free |
| | |

Packing Units

| Unit Type of Package 1 | PCE |
|------------------------------|------------|
| Number of Units in Package 1 | 1 |
| Package 1 Weight | 244.545 kg |
| Package 1 Height | 46 cm |
| Package 1 width | 50 cm |
| Package 1 Length | 120 cm |
| | |

Offer Sustainability

| Sustainable offer status | Green Premium product |
|----------------------------|--|
| REACh free of SVHC | Yes |
| EU RoHS Directive | Compliant EU RoHS Declaration |
| Toxic heavy metal free | Yes |
| Mercury free | Yes |
| RoHS exemption information | Yes |
| China RoHS Regulation | China RoHS declaration Pro-active China RoHS declaration (out of China RoHS legal scope) |
| Environmental Disclosure | Product Environmental Profile |
| Circularity Profile | End of Life Information |
| - | |

| 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 |

