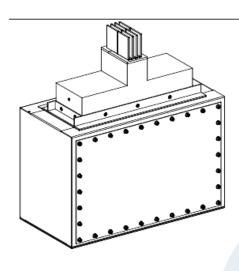
Product data sheet Characteristics

KRA1600ER39 CANALIS KR 3X1600AL CABLE END FEED UNIT ER9





Main

| IVIAIII | |
|---------------------------------------|--|
| Range | Canalis |
| Product name | KR |
| Product or component type | Cable end feeder trunking |
| Device short name | KRA |
| Product specific application | Mining minerals and metals Water and waste water Enterprise data centres Real estate and office buildings Healthcare Oil and gas |
| Device application | Feeder length |
| Supply | Switchboard Oil-immersed transformer |
| Material | Aluminium |
| [le] rated operational current | 1600 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 |
| [lcw] rated short-time withstand current | 53 kA |
| [lpk] rated peak withstand current | 117 kA |
| Radiated magnetic field | 17.3 mT |
| Thermal stress limit | 2809 A².s |

| Maximum voltage drop | <0.0062 V with power factor = 1 at 50 Hz with 1A for 100 m long <0.0091 V with power factor = 0.9 at 50 Hz with 1A for 100 m long <0.0098 V with power factor = 0.8 at 50 Hz with 1A for 100 m long <0.0101 V with power factor = 0.7 at 50 Hz with 1A for 100 m long |
|------------------------|---|
| Mounting location | Outdoor Indoor |
| Busbar incoming | Vertical |
| Polarity | 3L |
| Product certifications | CE EAC ATEX |
| Standards | IEC 61439-6 |
| Dimension type | Fix |
| Connection pitch | 100 mm |
| Colour | Grey (RAL 7030) |
| Linear load | 43 kg/m |

Environment

| LITVITOTITIETIL | |
|------------------------------|--|
| 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 | 45.15 kg | |
| Package 1 Height | 61 cm | |
| Package 1 width | 80 cm | |
| Package 1 Length | 62 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 |

