



Main

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|--------------------------------|---|
| Range | Canalis |
| Product name | KR |
| Product or component type | Busbar trunking |
| Busbar description | Phase balance |
| Device short name | KRA |
| Product specific application | Mining minerals and metals Real estate and office buildings Healthcare Enterprise data centres Water and waste water Oil and gas |
| Device application | Feeder length |
| Material | Aluminium |
| [Ie] rated operational current | 4000 A at 35 °C |
| Polarity | 3L |
| Length | 1000 mm |

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 ² .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 | Outdoor Indoor |
| Installation direction | Horizontal Vertical |
| Short-circuit level | Standard version |
| Product certifications | ATEX[RETURN]EAC[RETURN]CE |
| Standards | IEC 61439-6 |
| Dimension type | Fix |
| Width | 100 mm |
| Height | 460 mm |
| Colour | Grey (RAL 7030) |
| Linear load | 102 kg/m |

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Environment

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|------------------------------|---|
| 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) 35...40 °C (96 % of In) 40...45 °C (89 % of In) 45...50 °C (84 % of In) 50...55 °C (78 % of In) |
| 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 |

Packing Units

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|------------------------------|----------|
| Unit Type of Package 1 | PCE |
| Number of Units in Package 1 | 1 |
| Package 1 Height | 46.0 cm |
| Package 1 Width | 10.0 cm |
| Package 1 Length | 100.0 cm |
| Package 1 Weight | 107.1 kg |

Offer Sustainability

| | |
|-----------------------------|---|
| Sustainable offer status | Green Premium product |
| REACH Regulation | REACH Declaration |
| REACH free of SVHC | Yes |
| EU RoHS Directive | Compliant EU RoHS Declaration |
| Toxic heavy metal free | Yes |
| Mercury free | Yes |
| China RoHS Regulation | China RoHS Declaration |
| RoHS exemption information | Yes |
| 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 |