



Main

| | |
|--------------------------------|---|
| Range | Canalis |
| Product name | KR |
| Product or component type | Busbar trunking |
| Busbar description | Transport length |
| Device short name | KRA |
| Product specific application | Oil and gas Water and waste water Mining minerals and metals Healthcare Enterprise data centres Real estate and office buildings |
| Device application | Feeder length |
| Material | Aluminium |
| [Ie] rated operational current | 4000 A at 35 °C |
| Polarity | 3L |
| Number of tap-off outlets | 0 |
| Short-circuit level | Standard version |
| Length | 500...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 | 10000 A ² .s |
| Voltage drop | With cos φ =1, 0.0026 V at 50 Hz with 1A for 100 m long With cos φ =0.9, 0.0043 V at 50 Hz with 1A for 100 m long With cos φ =0.7, 0.005 V at 50 Hz with 1A for 100 m long With cos φ =0.8, 0.0048 V at 50 Hz with 1A for 100 m long |
| Mounting location | Indoor |

| | |
|------------------------|------------------------|
| | Outdoor |
| Installation direction | Horizontal Vertical |
| Product certifications | ATEX CE EAC |
| Standards | IEC 61439-6 |
| Dimension type | Made to measure |
| Width | 100 mm |
| Height | 460 mm |
| Colour | RAL 7030 : grey |
| Linear load | 102 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 | 100 % of In at 0...35 °C 84 % of In at 45...50 °C 96 % of In at 35...40 °C 89 % of In at 40...45 °C 78 % of In at 50...55 °C |
| Operating altitude | 98 % of In at 1000 m outdoor 89 % of In at 3000 m outdoor 99 % of In at 2000 m indoor 90 % of In at 4000 m indoor 94 % of In at 2000 m outdoor 83 % of In at 4000 m outdoor 100 % of In at 1000 m indoor 96 % of In at 3000 m indoor |
| Environmental characteristic | EMC directive conforming to IEC 61439-6 Halogen free |

Offer Sustainability

| | |
|----------------------------------|---|
| RoHS (date code: YYWW) | Compliant - since 1607 - Schneider Electric declaration of conformity Schneider Electric declaration of conformity |
| Product environmental profile | Available Product Environmental Profile |
| Product end of life instructions | Available End of Life Information |