



### Main

|                                |                                |
|--------------------------------|--------------------------------|
| Range of product               | Canalis                        |
| Product name                   | KS                             |
| Product or component type      | Busbar trunking                |
| Busbar description             | Rising main                    |
| BAR MATERIAL                   | Aluminium                      |
| Device application             | Rise medium power distribution |
| [Ie] rated operational current | 400 A at 35 °C                 |
| Number of tap-off outlets      | 4                              |

### Complementary

|  |  |
|--|--|
| [Ue] rated operational voltage           | 230...690 V  |
| Network frequency                        | 50/60 Hz   |
| [Uimp] rated impulse withstand voltage   | 8 kV   |
| [Ui] rated insulation voltage            | 690 V  |
| [Icw] rated short-time withstand current | 18.8 kA  |
| [Ipk] rated peak withstand current       | 49.2 kA  |
| Electrical connection                    | Lubricated sliding contact   |
| Radiated magnetic field                  | 1 µT   |
| Thermal stress limit                     | 354 kA <sup>2</sup> .s   |
| THDI                                     | 0...15 % 400 A<br>15...33 % 315 A<br>33...100 % 250 A  |
| Maximum voltage drop                     | <0.022 V with power factor = 0.9 at 50 Hz with 1A for 100 m long<br><0.022 V with power factor = 0.8 at 50 Hz with 1A for 100 m long<br><0.021 V with power factor = 0.7 at 50 Hz with 1A for 100 m long<br><0.018 V with power factor = 1 at 50 Hz with 1A for 100 m long |
| Mounting mode                            | By screws  |
| Mounting position                        | Vertical - neutral on right  |
| Neutral position                         | Right  |
| Busbar trunking polarity                 | 3L + N + PE  |

|                |         |
|----------------|---------|
| Dimension type | Fix     |
| Width          | 146 mm  |
| Depth          | 54 mm   |
| Height         | 2.5 m   |
| Net weight     | 17.4 kg |

## Environment

|           |                            |
|-----------|----------------------------|
| Standards | IEC 60439-2<br>IEC 61439-6 |
|-----------|----------------------------|

## Offer Sustainability

|                            |   |
|----------------------------|---|
| Sustainable offer status   | Green Premium product   |
| REACH Regulation           | <a href="#">REACH Declaration</a>   |
| REACH free of SVHC         | Yes   |
| EU RoHS Directive          | Under investigation   |
| Toxic heavy metal free     | Yes   |
| Mercury free               | Yes   |
| RoHS exemption information | <a href="#">Yes</a>   |
| China RoHS Regulation      | <a href="#">China RoHS declaration</a><br>Pro-active China RoHS declaration (out of China RoHS legal scope)                 |
| Environmental Disclosure   | <a href="#">Product Environmental Profile</a>   |
| Circularity Profile        | No need of specific recycling operations<br><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 |

## Contractual warranty

|          |           |
|----------|-----------|
| Warranty | 18 months |
|----------|-----------|

