



### Main

|                                |                           |
|--------------------------------|---------------------------|
| Range of product               | Canalis                   |
| Product name                   | KS                        |
| Product or component type      | Busbar trunking           |
| Busbar description             | Distribution length       |
| BAR MATERIAL                   | Aluminium                 |
| Device application             | Medium power distribution |
| [Ie] rated operational current | 400 A at 35 °C            |
| Number of tap-off outlets      | 10                        |

### 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                         | Up   |
| Busbar trunking polarity                 | 3L + N + PE  |
| Dimension type                           | Fix  |
| Width                                    | 146 mm   |
| Depth                                    | 54 mm  |
| Length                                   | 5 m  |
| Net weight                               | 32.85 kg   |

### Environment

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

## Packing Units

|                              |         |
|------------------------------|---------|
| Unit Type of Package 1       | PCE     |
| Number of Units in Package 1 | 1       |
| Package 1 Weight             | 31 kg   |
| Package 1 Height             | 17 cm   |
| Package 1 width              | 7.2 cm  |
| Package 1 Length             | 511 cm  |
| Unit Type of Package 2       | B5M     |
| Number of Units in Package 2 | 20      |
| Package 2 Weight             | 642 kg  |
| Package 2 Height             | 47.5 cm |
| Package 2 width              | 64 cm   |
| Package 2 Length             | 520 cm  |
| Unit Type of Package 3       | PAL     |
| Number of Units in Package 3 | 20      |
| Package 3 Weight             | 642 kg  |
| Package 3 Height             | 47.5 cm |
| Package 3 width              | 64 cm   |
| Package 3 Length             | 520 cm  |

## Offer Sustainability

|                             |   |
|-----------------------------|---|
| Sustainable offer status    | Green Premium product   |
| REACH Regulation            | <a href="#">REACH Declaration</a>   |
| REACH free of SVHC          | Yes   |
| EU RoHS Directive           | Compliant <a href="#">EU RoHS Declaration</a>   |
| Toxic heavy metal free      | Yes   |
| Mercury free                | Yes   |
| RoHS exemption information  | <a href="#">Yes</a>   |
| China RoHS Regulation       | <a href="#">China RoHS Declaration</a>  |
| Environmental Disclosure    | <a href="#">Product Environmental Profile</a>   |
| 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  |

## Contractual warranty

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

