



Main

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|--------------------------------|---------------------------|
| 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 | 160 A at 35 °C |
| Number of tap-off outlets | 12 |

Complementary

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| [Ue] rated operational voltage | 230...690 V |
| Network frequency | 50/60 Hz |
| [Uiimp] rated impulse withstand voltage | 8 kV |
| [Ui] rated insulation voltage | 690 V |
| [Icw] rated short-time withstand current | 4.45 kA |
| [Ipk] rated peak withstand current | 22 kA |
| Electrical connection | Lubricated sliding contact |
| Radiated magnetic field | 0.41 µT |
| Thermal stress limit | 20.2 kA ² .s |
| THDI | 0...15 % 160 A 15...33 % 125 A 33...100 % 100 A |
| Maximum voltage drop | <0.067 V with power factor = 1 at 50 Hz with 1A for 100 m long <0.066 V with power factor = 0.9 at 50 Hz with 1A for 100 m long <0.061 V with power factor = 0.8 at 50 Hz with 1A for 100 m long <0.056 V with power factor = 0.7 at 50 Hz with 1A for 100 m long |
| Mounting mode | By screws |
| Mounting position | Horizontal |
| Neutral position | Up |
| Busbar trunking polarity | 3L + N + PE |
| Dimension type | Fix |
| Width | 146 mm |
| Depth | 54 mm |
| Length | 3 m |
| Net weight | 13.4 kg |

Environment

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| Standards | IEC 60439-2 IEC 61439-6 |
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Packing Units

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|------------------------------|---------|
| Unit Type of Package 1 | PCE |
| Number of Units in Package 1 | 1 |
| Package 1 Weight | 13 kg |
| Package 1 Height | 17 cm |
| Package 1 width | 7.3 cm |
| Package 1 Length | 311 cm |
| Unit Type of Package 2 | B3M |
| Number of Units in Package 2 | 20 |
| Package 2 Weight | 280 kg |
| Package 2 Height | 49.5 cm |
| Package 2 width | 64 cm |
| Package 2 Length | 320 cm |
| Unit Type of Package 3 | PAL |
| Number of Units in Package 3 | 20 |
| Package 3 Weight | 280 kg |
| Package 3 Height | 49.5 cm |
| Package 3 width | 64 cm |
| Package 3 Length | 320 cm |

Offer Sustainability

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

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| Warranty | 18 months |
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