



Main

| | |
|--------------------------------|---------------------------|
| Range of product | Canalis |
| Range | Canalis |
| Product name | KS |
| Product or component type | Busbar trunking |
| Busbar description | Distribution length |
| Device short name | KSA |
| Material | Aluminium |
| Device application | Medium power distribution |
| [Ie] rated operational current | 250 A 35 °C |
| Busbar trunking polarity | 3L + PEN 3L + N + PE |
| Number of tap-off outlets | 8 |
| Length | 2 m |

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 | 10 kA |
| [Ipk] rated peak withstand current | 28 kA |
| Electrical connection | Lubricated sliding contact |
| Radiated magnetic field | 0.52 µT |
| Thermal stress limit | 100 kA ² .s |
| THDI | 0...15 % 250 A 33...100 % 160 A 15...33 % 200 A |
| Voltage drop | 0.022 V 0.8 50 Hz with 1A for 100 m long 0.022 V 0.9 50 Hz with 1A for 100 m long 0.021 V 0.7 50 Hz with 1A for 100 m long 0.018 V 1 50 Hz with 1A for 100 m long |
| Linear resistance | Rb1 0.82 mΩ/m 35 °C at Inc with impedance method L - N 50/60 Hz X0 0.86 mΩ/m 20 °C symmetrical components method L - N 50/60 Hz X0 0.7 mΩ/m 20 °C symmetrical components method L - PE 50/60 Hz |

Disclaimer: This documentation is not intended as a substitute for and is not to be used for determining suitability or reliability of these products for specific user applications

Xb 0.32 mΩ/m 35 °C at Inc and 50 Hz with impedance method L - L 50/60 Hz
 Z0 1.54 mΩ/m 20 °C symmetrical components method L - N 50/60 Hz
 Z0 1.51 mΩ/m 20 °C symmetrical components method L - PE 50/60 Hz
 R20 0.28 mΩ/m 20 °C L 50/60 Hz
 R0 1.34 mΩ/m 20 °C symmetrical components method L - PE 50/60 Hz
 Z1 0.42 mΩ/m 35 °C at Inc L 50/60 Hz
 Rb1 0.78 mΩ/m 35 °C at Inc with impedance method L - L 50/60 Hz
 0.35 mΩ/m 20 °C PE 50/60 Hz
 Xb 0.42 mΩ/m 35 °C at Inc and 50 Hz with impedance method L - PE 50/60 Hz
 Rb0 0.74 mΩ/m 20 °C at Inc with impedance method L - N 50/60 Hz
 R0 1.28 mΩ/m 20 °C symmetrical components method L - N 50/60 Hz
 X1 0.16 mΩ/m 35 °C at Inc L 50/60 Hz
 Rb1 0.91 mΩ/m 35 °C at Inc with impedance method L - PE 50/60 Hz
 Rb0 0.78 mΩ/m 20 °C at Inc with impedance method L - PE 50/60 Hz
 Xb 0.45 mΩ/m 35 °C at Inc and 50 Hz with impedance method L - N 50/60 Hz
 R1 0.39 mΩ/m 35 °C at Inc L 50/60 Hz
 Rb0 0.65 mΩ/m 20 °C at Inc with impedance method L - L 50/60 Hz

| | |
|------------------|----------------------------|
| Mounting mode | By screws |
| Neutral position | Up |
| Standards | IEC 61439-6 IEC 60439-2 |
| Dimension type | Fix |
| Width | 146 mm |
| Depth | 54 mm |
| Colour | RAL 9001 : white |
| Product weight | 10.85 kg |

Environment

| | |
|---------------------------------------|---|
| IP degree of protection | IP55 conforming to IEC 60529 |
| IK degree of protection | IK08 conforming to IEC 62262 |
| Ambient air temperature for operation | 0...35 °C 100 % of In 45...50 °C 91 % of In 40...45 °C 94 % of In 35...40 °C 97 % of In 50...55 °C 87 % of In |

Offer Sustainability

| | |
|----------------------------------|---|
| Sustainable offer status | Green Premium product |
| RoHS (date code: YYWW) | Compliant - since 1752 - Schneider Electric declaration of conformity Schneider Electric declaration of conformity |
| REACH | Reference not containing SVHC above the threshold Reference not containing SVHC above the threshold |
| Product environmental profile | Available Available |
| Product end of life instructions | Need no specific recycling operations Need no specific recycling operations |

Contractual warranty

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