Product datasheet

Specifications





Horizontal distribution length, Canalis KSA630, aluminium, 500/630A, fixed length 1.5m, 4 outlets, 3L+N+PE, RAL9001

KSA630ED4154

Main

| mann | |
|--------------------------------|--|
| Range | Canalis |
| Device Short Name | KSA |
| Offer Type | Advanced |
| Product Or Component Type | Busbar trunking |
| Busbar Description | Horizontal distribution length |
| Product Compatibility | Canalis KSA busbar trunking 500…1000 A |
| Conductors Material | Aluminium |
| Busbar Trunking Polarity | 3L + N + PE |
| Number Of Tap-Off Outlets | 4 |
| [le] Rated Operational Current | 630 A at 35 °C |
| Ip Degree Of Protection | IP55 conforming to IEC 60529 |
| Mounting Mode | By screws |
| Dimension Type | Fix |
| Length | 1.5 m |
| Colour | White (RAL 9001) |

Complementary

| Number Of Poles | 4 |
|---|----------------------------|
| Neutral Position | Up |
| Mounting Position | Horizontal |
| [Ue] Rated Operational Voltage | 230690 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 | 32.1 kA |
| [lpk] Rated Peak Withstand Current | 67.5 kA |
| Electrical Connection | Lubricated sliding contact |
| Width | 113 mm |
| Height | 146 mm |
| Net Weight | 19 kg |
| Tap-Off Unit Interval | 500 mm |

| Radiated Magnetic Field | 0.89 µT |
|-------------------------|--|
| Thermal Stress Limit | 1225000 kA².s |
| Thdi | 015 % 630 A 1533 % 500 A 33100 % 400 A |
| Maximum Voltage Drop | <0.011 V with power factor = 1 at 50 Hz with 1A for 100 m long <0.013 V with power factor = 0.9 at 50 Hz with 1A for 100 m long <0.013 V with power factor = 0.8 at 50 Hz with 1A for 100 m long <0.012 V with power factor = 0.7 at 50 Hz with 1A for 100 m long |
| Standards | IEC 61439-1 IEC 61439-6 |

Environment

| Ik Degree Of Protection | IK08 conforming to IEC 62262 |
|-----------------------------|------------------------------|
| Ambient Air Temperature For | 35 °C (without derating) |
| Operation | 55 °C (with derating factor) |

Packing Units

| Unit Type Of Package 1 | PCE |
|------------------------------|-----------|
| Number Of Units In Package 1 | 1 |
| Package 1 Height | 11.1 cm |
| Package 1 Width | 14.6 cm |
| Package 1 Length | 167.0 cm |
| Package 1 Weight | 20.0 kg |
| Unit Type Of Package 2 | PAL |
| Number Of Units In Package 2 | 12 |
| Package 2 Height | 50.2 cm |
| Package 2 Width | 68.0 cm |
| Package 2 Length | 220.0 cm |
| Package 2 Weight | 271.59 kg |

Contractual warranty

Warranty

18 months

Sustainability Screen Premium

Green PremiumTM label is Schneider Electric's commitment to delivering products with best-inclass environmental performance. Green Premium promises compliance with the latest regulations, transparency on environmental impacts, as well as circular and low-CO₂ products.

Guide to assessing product sustainability is a white paper that clarifies global eco-label standards and how to interpret environmental declarations.

Learn more about Green Premium >

Guide to assess a product's sustainability >



Transparency RoHS/REACh

Well-being performance

Reach Free Of Svhc
Toxic Heavy Metal Free
Mercury Free
Rohs Exemption Information Yes
Halogen Free Product

Certifications & Standards

| Reach Regulation | REACh Declaration |
|--------------------------|---|
| Eu Rohs Directive | Compliant EU RoHS Declaration |
| China Rohs Regulation | China RoHS declaration Pro-active China RoHS declaration (out of China RoHS legal scope) |
| Environmental Disclosure | Product Environmental Profile |
| Weee | The product must be disposed on European Union markets following specific waste collection and never end up in rubbish bins |
| Circularity Profile | No need of specific recycling operations |