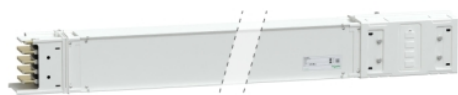


# KSA630ET43A

Horizontal transport length, Canalis KSA630, aluminium, 500/630A, made to measure length 0.5-1.9m, 3L+N+PE, RAL9001



## Main

|                                |                                          |
|--------------------------------|------------------------------------------|
| Range                          | Canalis                                  |
| Device short name              | KSA                                      |
| Offer type                     | Advanced                                 |
| Product or component type      | Busbar trunking                          |
| Busbar description             | Horizontal transport length              |
| Product compatibility          | Canalis KSA busbar trunking 500...1000 A |
| Conductors material            | Aluminium                                |
| Busbar trunking polarity       | 3L + N + PE                              |
| Number of tap-off outlets      | 0                                        |
| [Ie] rated operational current | 630 A at 35 °C                           |
| IP degree of protection        | IP55 conforming to IEC 60529             |
| Mounting mode                  | By screws                                |
| Dimension type                 | Made to measure                          |
| Length                         | 0.5...1.9 m                              |
| Colour                         | White (RAL 9001)                         |

## Complementary

|                                          |                                                                                                                                                                                                                                                                            |
|------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Number of poles                          | 4                                                                                                                                                                                                                                                                          |
| Neutral position                         | Up                                                                                                                                                                                                                                                                         |
| Mounting position                        | Horizontal                                                                                                                                                                                                                                                                 |
| [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 | 32.1 kA                                                                                                                                                                                                                                                                    |
| [Ipk] rated peak withstand current       | 67.5 kA                                                                                                                                                                                                                                                                    |
| Electrical connection                    | Lubricated sliding contact                                                                                                                                                                                                                                                 |
| Width                                    | 113 mm                                                                                                                                                                                                                                                                     |
| Height                                   | 146 mm                                                                                                                                                                                                                                                                     |
| Net weight                               | 30 kg                                                                                                                                                                                                                                                                      |
| Radiated magnetic field                  | 0.89 µT                                                                                                                                                                                                                                                                    |
| Thermal stress limit                     | 1225000 kA².s                                                                                                                                                                                                                                                              |
| THDI                                     | 0...15 % 630 A<br>15...33 % 500 A<br>33...100 % 400 A                                                                                                                                                                                                                      |
| Maximum voltage drop                     | <0.011 V with power factor = 1 at 50 Hz with 1A for 100 m long<br><0.013 V with power factor = 0.9 at 50 Hz with 1A for 100 m long<br><0.013 V with power factor = 0.8 at 50 Hz with 1A for 100 m long<br><0.012 V with power factor = 0.7 at 50 Hz with 1A for 100 m long |
| Standards                                | IEC 61439-1<br>IEC 61439-6                                                                                                                                                                                                                                                 |

## Environment

|                                       |                                                          |
|---------------------------------------|----------------------------------------------------------|
| IK degree of protection               | IK08 conforming to IEC 62262                             |
| Ambient air temperature for operation | 35 °C (without derating)<br>55 °C (with derating factor) |

## Packing Units

|                              |            |
|------------------------------|------------|
| Unit Type of Package 1       | PCE        |
| Number of Units in Package 1 | 1          |
| Package 1 Height             | 13.000 cm  |
| Package 1 Width              | 15.000 cm  |
| Package 1 Length             | 135.000 cm |
| Package 1 Weight             | 9.211 kg   |
| Unit Type of Package 2       | PAL        |
| Number of Units in Package 2 | 10         |
| Package 2 Height             | 45.000 cm  |
| Package 2 Width              | 60.000 cm  |
| Package 2 Length             | 400.000 cm |
| Package 2 Weight             | 192.600 kg |

## 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                                                                                                                         |
| China RoHS Regulation      | <a href="#">China RoHS Declaration</a>                                                                                      |
| RoHS exemption information | <a href="#">Yes</a>                                                                                                         |
| Environmental Disclosure   | <a href="#">Product Environmental Profile</a>                                                                               |
| Circularity Profile        | No need of specific recycling operations                                                                                    |
| WEEE                       | The product must be disposed on European Union markets following specific waste collection and never end up in rubbish bins |