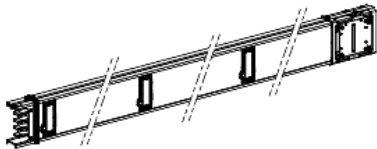


# Product datasheet

Specifications



## STRAIGHT DISTRIBUTION LENGTH 3M 100 A

Local distributor code: 385364982    KSA100ED4306

### Main

|                                |                                         |
|--------------------------------|-----------------------------------------|
| Range                          | Canalis                                 |
| Device short name              | KSA                                     |
| Offer type                     | Classic                                 |
| Product or component type      | Busbar trunking                         |
| Busbar description             | Horizontal distribution length          |
| Product compatibility          | Canalis KSA busbar trunking 100...250 A |
| Conductors material            | Aluminium                               |
| Busbar trunking polarity       | 3L + N + PE                             |
| Number of tap-off outlets      | 6                                       |
| [Ie] rated operational current | 100 A at 35 °C                          |
| IP degree of protection        | IP55 conforming to IEC 60529            |
| Mounting mode                  | By screws                               |
| Dimension type                 | Fix                                     |
| Length                         | 3 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 | 2.6 kA                     |
| [Ipk] rated peak withstand current       | 15.7 kA                    |
| Electrical connection                    | Lubricated sliding contact |

|                         |                                                                                                                                                                                                                                                                           |
|-------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Width                   | 54 mm                                                                                                                                                                                                                                                                     |
| Height                  | 146 mm                                                                                                                                                                                                                                                                    |
| Net weight              | 12.1 kg                                                                                                                                                                                                                                                                   |
| Tap-off unit interval   | 1000 mm                                                                                                                                                                                                                                                                   |
| Radiated magnetic field | 0.22 µT                                                                                                                                                                                                                                                                   |
| Thermal stress limit    | 6.8 kA².s                                                                                                                                                                                                                                                                 |
| THDI                    | 0...15 % 100 A<br>15...33 % 80 A<br>33...100 % 63 A                                                                                                                                                                                                                       |
| Maximum voltage drop    | <0.138 V with power factor = 1 at 50 Hz with 1A for 100 m long<br><0.13 V with power factor = 0.9 at 50 Hz with 1A for 100 m long<br><0.118 V with power factor = 0.8 at 50 Hz with 1A for 100 m long<br><0.106 V with power factor = 0.7 at 50 Hz with 1A for 100 m long |
| Standards               | IEC 61439-2<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 Weight             | 11.0 kg  |
| Package 1 Height             | 16.6 cm  |
| Package 1 width              | 7.3 cm   |
| Package 1 Length             | 311 cm   |
| Unit Type of Package 2       | PAL      |
| Number of Units in Package 2 | 20       |
| Package 2 Weight             | 240.0 kg |
| Package 2 Height             | 50 cm    |
| Package 2 width              | 64 cm    |
| Package 2 Length             | 320 cm   |
| Package 3 Height             | 50 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<br><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><br>Pro-active China RoHS declaration (out of China RoHS legal scope) |
| 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                                                                                                        |
| <b>Contractual warranty</b> |                                                                                                                             |
| Warranty                    | 18 months                                                                                                                   |