# Product datasheet

Specifications

## Straight length, Canalis KBA, 25 A, 1 circuit 3L+N+PE, 5 tap-off units, 3 m, white

Local distributor code:

396675301 KBA25ED4305W

**EAN Code: 3606480498770**

## Main

| | |
|---|---|
| **Range of product** | Canalis |
| **Device short name** | KBA |
| **Offer type** | Classic<br>Control system |
| **Product or component type** | Straight length |
| **Busbar description** | Distribution length |
| **Device application** | Power socket distribution<br>Lighting |
| **[Ie] rated operational current** | 25 A at 35 °C |
| **[Ue] rated operational voltage** | 230...400 V |
| **Network frequency** | 50/60 Hz |
| **Busbar trunking polarity** | 3L + N + PE |
| **Number of circuits** | 1 |
| **Number of tap-off outlets** | 5 |
| **Control type** | Communicating |
| **Communication port protocol** | DALI |
| **Mounting mode** | By clips |

## Complementary

| | |
|---|---|
| **[Uimp] rated impulse withstand voltage** | 4 kV |
| **[Ui] rated insulation voltage** | 690 V |
| **[Icw] rated short-time withstand current** | 0.44 kA |
| **[Ipk] rated peak withstand current** | 4.4 kA |
| **Thermal stress limit** | 195 $kA^2.s$ |
| **Maximum radiated magnetic field** | 2 pT |
| **THDI** | 0…15 % 25 A<br>15…33 % 20 A<br>33…100 % 16 A |
| **Maximum voltage drop** | <0.72 V with power factor = 1 at 50 Hz with 1A for 100 m long<br><0.67 V with power factor = 0.9 at 50 Hz with 1A for 100 m long<br><0.61 V with power factor = 0.8 at 50 Hz with 1A for 100 m long<br><0.54 V with power factor = 0.7 at 50 Hz with 1A for 100 m long |
| **Standards** | EN/IEC 61439-6<br>EN/IEC 61439-1 |
| **Width** | 30 mm |

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

| | |
|---|---|
| **Height** | 46 mm |
| **Length** | 3 m |
| **Colour** | White (RAL 9003) |
| **Net weight** | 3.1 kg |

## Environment

| | |
|---|---|
| **IP degree of protection** | IP55 conforming to EN/IEC 60529 |
| **IK degree of protection** | IK06 conforming to EN/IEC 62262 |
| **Ambient air temperature for operation** | 0…35 °C (100 % of In)<br>35…40 °C (96 % of In)<br>40…45 °C (93 % of In)<br>45…50 °C (89 % of In)<br>50…55 °C (85 % of In) |

## Packing Units

| | |
|---|---|
| **Unit Type of Package 1** | PCE |
| **Number of Units in Package 1** | 1 |
| **Package 1 Height** | 4.2 cm |
| **Package 1 Width** | 3 cm |
| **Package 1 Length** | 314 cm |
| **Package 1 Weight** | 3 kg |
| **Unit Type of Package 2** | BB1 |
| **Number of Units in Package 2** | 6 |
| **Package 2 Height** | 10.2 cm |
| **Package 2 Width** | 10.6 cm |
| **Package 2 Length** | 318 cm |
| **Package 2 Weight** | 18 kg |
| **Unit Type of Package 3** | PAL |
| **Number of Units in Package 3** | 144 |
| **Package 3 Height** | 52.3 cm |
| **Package 3 Width** | 64 cm |
| **Package 3 Length** | 320 cm |
| **Package 3 Weight** | 452 kg |

## Logistical informations

| | |
|---|---|
| **Country of origin** | FR |

## Contractual warranty

| | |
|---|---|
| **Warranty (in months)** | 18 |

## Environmental Data

Schneider Electric aims to achieve Net Zero status by 2050 through supply chain partnerships, lower impact materials, and circularity via our ongoing “Use Better, Use Longer, Use Again” campaign to extend product lifetimes and recyclability.

Environmental Data explained >

How we assess product sustainability >

### Environmental footprint

| | |
|---|---|
| Environmental Disclosure | Product Environmental Profile |

## Use Better

### Materials and Substances

| | |
|---|---|
| Packaging made with recycled cardboard | Yes |
| Packaging without single use plastic | Yes |
| EU RoHS Directive | Compliant |
| REACh Regulation | Free of Substances of Very High Concern above the threshold |
| Halogen-free status | Halogen free product |
| PVC free | Yes |
| Silicone-free | Yes |

## Use Longer

### Lifetime extension

| | |
|---|---|
| Repair | No |

## Use Again

### Repack and remanufacture

| | |
|---|---|
| End of life manual availability | No need of specific recycling operations |
| Take-back | Nej |
| WEEE Label | The product must be disposed on European Union markets following specific waste collection and never end up in rubbish bins |

Dimension Drawings

## Technical Illustration

### Assembly's dimensions