# Product datasheet

Specifications

Green Premium™

## Straight length, Canalis KBA, 40A, 1 circuit, L+N+PE, 3 outlets, 3m, white RAL9003

KBA40ED2303W

## Main

| | |
|---|---|
| **Range Of Product** | Canalis |
| **Device Short Name** | KBA |
| **Offer Type** | Classic |
| **Product Or Component Type** | Straight length |
| **Busbar Description** | Distribution length |
| **Device Application** | Power socket distribution<br>Lighting |
| **[Ie] Rated Operational Current** | 40 A at 35 °C |
| **[Ue] Rated Operational Voltage** | 230...400 V |
| **Network Frequency** | 50/60 Hz |
| **Busbar Trunking Polarity** | L + N + PE |
| **Number Of Circuits** | 1 |
| **Number Of Tap-Off Outlets** | 3 |
| **Control Type** | Without |
| **Mounting Mode** | By clips |

## Complementary

| | |
|---|---|
| **[Uimp] Rated Impulse Withstand Voltage** | 4 kV |
| **[Ui] Rated Insulation Voltage** | 690 V |
| **[Icw] Rated Short-Time Withstand Current** | 0.94 kA |
| **[Ipk] Rated Peak Withstand Current** | 9.6 kA |
| **Thermal Stress Limit** | 900 kA².s |
| **Maximum Radiated Magnetic Field** | 2 pT |
| **Thdi** | 0…15 % 40 A<br>15…33 % 32 A<br>33…100 % 28 A |
| **Maximum Voltage Drop** | <0.3 V with power factor = 1 at 50 Hz with 1A for 100 m long<br><0.28 V with power factor = 0.9 at 50 Hz with 1A for 100 m long<br><0.25 V with power factor = 0.8 at 50 Hz with 1A for 100 m long<br><0.22 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 |
| **Height** | 46 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

| | |
|---|---|
| **Length** | 3 m |
| **Colour** | White (RAL 9003) |
| **Net Weight** | 2.7 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** | 4.600 cm |
| **Package 1 Width** | 3.000 cm |
| **Package 1 Length** | 300.000 cm |
| **Package 1 Weight** | 3.166 kg |
| **Unit Type Of Package 2** | BB1 |
| **Number Of Units In Package 2** | 6 |
| **Package 2 Height** | 10.000 cm |
| **Package 2 Width** | 10.500 cm |
| **Package 2 Length** | 318.000 cm |
| **Package 2 Weight** | 21.000 kg |
| **Unit Type Of Package 3** | PAL |
| **Number Of Units In Package 3** | 144 |
| **Package 3 Height** | 53.000 cm |
| **Package 3 Width** | 64.000 cm |
| **Package 3 Length** | 320.000 cm |
| **Package 3 Weight** | 460.000 kg |

## Contractual warranty

| | |
|---|---|
| **Warranty** | 18 months |

## Sustainability

**Green Premium™ label** is Schneider Electric's commitment to delivering products with best-in-class environmental performance. Green Premium promises compliance with the latest regulations, transparency on environmental impacts, as well as circular and low-$CO_2$ 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 >

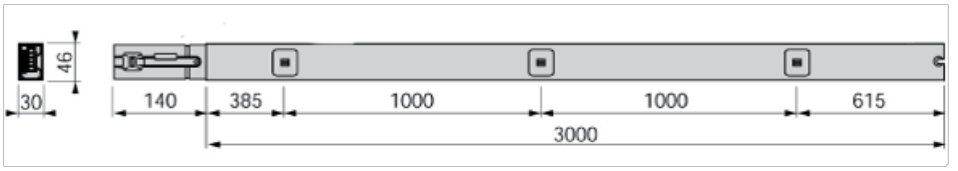
Guide to assess a product's sustainability >

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<br>EU RoHS Declaration |
| **China Rohs Regulation** | China RoHS declaration<br>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 |

Dimension Drawings