

# Product data sheet

Specifications



Tap off unit, Canalis KN, for DIN E33 fuses, 50A, 3L+PE, with isolator, fuses not provided, IP55

KNB50SD4

## Main

|                                |  |
|--------------------------------|--|
| Range Of Product               | Canalis  |
| Range Compatibility            | Canalis KN busbar trunking                             |
| Product Or Component Type      | Tap-off unit   |
| Busbar Trunking Compatibility  | Canalis KN busbar trunkingplug-in                      |
| [Ie] Rated Operational Current | 50 A at 35 °C  |
| Protection Type                | fuse isolator: Diazed fuse, size E33 conforming to DIN |
| Provided Equipment             | fuse to be ordered separately                          |
| Mounting Mode                  | Plug-in with fixed polarity                            |
| Tap-Off Unit Polarity          | 3L+PE<br>3L+N+PE                                       |
| Colour                         | White (RAL 9001)                                       |

## Complementary

|  |   |
|--|---|
| Device Application                     | Low power distribution  |
| [Ue] Rated Operational Voltage         | 230...500 V depending on protective device  |
| [Uimp] Rated Impulse Withstand Voltage | 4.6 kV  |
| [Ui] Rated Insulation Voltage          | 500 V depending on protective device  |
| Network Frequency                      | 50/60 Hz  |
| Electrical Connection                  | Cable clamp terminal - ISO50 16 mm² flexible<br>Cable clamp terminal - ISO50 16 mm² rigid |
| Door/Cover Opening Side                | Right   |
| Tap-Off Unit Disconnection Mode        | By opening the door   |
| Standards                              | IEC 61439-1<br>IEC 61439-6  |
| Width                                  | 344 mm  |
| Depth                                  | 101 mm  |
| Depth (Door Open)                      | 432.5 mm  |
| Height                                 | 165 mm  |
| Net Weight                             | 1.5 kg  |

## Environment

|                         |                              |
|-------------------------|------------------------------|
| Ip Degree Of Protection | IP55 conforming to IEC 60529 |
| Ik Degree Of Protection | IK08 conforming to IEC 62262 |

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

## Packing Units

|                              |            |
|------------------------------|------------|
| Unit Type Of Package 1       | PCE        |
| Number Of Units In Package 1 | 1          |
| Package 1 Height             | 13.700 cm  |
| Package 1 Width              | 16.600 cm  |
| Package 1 Length             | 34.600 cm  |
| Package 1 Weight             | 2.149 kg   |
| Unit Type Of Package 2       | P12        |
| Number Of Units In Package 2 | 52         |
| Package 2 Height             | 80.000 cm  |
| Package 2 Width              | 80.000 cm  |
| Package 2 Length             | 120.000 cm |
| Package 2 Weight             | 121.000 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<sub>2</sub> 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 >](#)

## Well-being performance

|                       |   |     |
|-----------------------|---|-----|
| ✓                     | Reach Free Of Svhc  |     |
| ✓                     | Toxic Heavy Metal Free  |     |
| ✓                     | Mercury Free  |     |
| ✓                     | Rohs Exemption Information  | Yes |
| ✓                     | Halogen Free Product  |     |
|                       |   |     |
| Reach Regulation      | <a href="#">REACH Declaration</a>   |     |
| Eu Rohs Directive     | Compliant<br><a href="#">EU RoHS Declaration</a>  |     |
| China Rohs Regulation | <a href="#">China RoHS declaration</a><br>Pro-active China RoHS declaration (out of China RoHS legal scope)                 |     |
| Weee                  | The product must be disposed on European Union markets following specific waste collection and never end up in rubbish bins |     |