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

Straight distribution length, Canalis KN, standard, aluminium, 40A, 3L+N+PE, fixed length 3m, 3 outlets, RAL9001

KNA40ED4303

#### Main

| Range of product               | Canalis                 |  |
|--------------------------------|-------------------------|--|
| product name                   | KN                      |  |
| Product or component type      | Straight length         |  |
| Device application             | Low power distribution  |  |
| [le] rated operational current | 40 A at 35 °C           |  |
| Busbar trunking polarity       | 3L + N + PE<br>3L + PEN |  |
| Number of tap-off outlets      | 3                       |  |
| Length                         | 3 m                     |  |

### **Complementary**

| o o in promontary                        |   |  |
|--|---|--|
| [Ue] rated operational voltage           | 230500 V  |  |
| Network frequency                        | 50/60 Hz  |  |
| [Uimp] rated impulse withstand voltage   | 6 kV  |  |
| [Ui] rated insulation voltage            | 500 V   |  |
| [lcw] rated short-time withstand current | 1.4 kA  |  |
| [lpk] rated peak withstand current       | 6 kA  |  |
| Electrical connection                    | Lubricated sliding contact  |  |
| Radiated magnetic field                  | 0.039 μΤ  |  |
| Thermal stress limit                     | 1980 kA².s  |  |
| THDI                                     | 015 % 40 A<br>1533 % 32 A<br>33100 % 28 A   |  |
| Maximum voltage drop                     | <0.168 V with power factor = 1 at 50 Hz with 1A for 100 m long <0.161 V with power factor = 0.9 at 50 Hz with 1A for 100 m long <0.147 V with power factor = 0.8 at 50 Hz with 1A for 100 m long <0.133 V with power factor = 0.7 at 50 Hz with 1A for 100 m long |  |
| Mounting mode                            | By screws   |  |
| Neutral position                         | Up  |  |
| Number of circuits                       | 1   |  |
| control type                             | Without   |  |
| Standards                                | IEC 61439-6   |  |
| Width                                    | 92 mm   |  |
| Depth                                    | 27.5 mm   |  |

| Colour         | White (RAL 9001) |  |
|----------------|------------------|--|
| Product weight | 5.6 kg           |  |

# **Environment**

| IP degree of protection               | IP55 conforming to IEC 60529   |  |
|---------------------------------------|--|--|
| IK degree of protection               | IK08 conforming to IEC 62262   |  |
| Ambient air temperature for operation | 035 °C (100 % of In) 3540 °C (97 % of In) 4045 °C (94 % of In) 4550 °C (91 % of In) 5055 °C (87 % of In) |  |

# **Packing Units**

| Unit Type of Package 1       | PCE        |
|------------------------------|------------|
| Number of Units in Package 1 | 1          |
| Package 1 Height             | 10.000 cm  |
| Package 1 Width              | 3.500 cm   |
| Package 1 Length             | 310.000 cm |
| Package 1 Weight             | 5.900 kg   |
| Unit Type of Package 2       | BB1        |
| Number of Units in Package 2 | 4          |
| Package 2 Height             | 11.000 cm  |
| Package 2 Width              | 16.000 cm  |
| Package 2 Length             | 314.000 cm |
| Package 2 Weight             | 24.400 kg  |
| Unit Type of Package 3       | PAL        |
| Number of Units in Package 3 | 48         |
| Package 3 Height             | 45.400 cm  |
| Package 3 Width              | 68.000 cm  |
| Package 3 Length             | 320.000 cm |
| Package 3 Weight             | 310.200 kg |

# **Contractual warranty**

Warranty 18 months



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 Disclosure

Product Environmental Profile

#### **Use Better**

| Packaging made with recycled cardboard | Yes                    |
|--|------------------------|
| Packaging without single use plastic   | Yes                    |
| China RoHS Regulation                  | China RoHS declaration |

#### Use Again

| ○ Repack and remanufacture  |   |
|-----------------------------|---|
| 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 |
| Halogen content performance | Halogen free product  |
| Take-back                   | No  |