



## Main

|                                |                         |
|--------------------------------|-------------------------|
| Range of product               | Canalis                 |
| Product name                   | KN                      |
| Product or component type      | Busbar trunking         |
| Busbar description             | Distribution length     |
| Device application             | Low power distribution  |
| [Ie] 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

|                                          |                                                                                                                                                                            |
|------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| [Ue] rated operational voltage           | 230...500 V                                                                                                                                                                |
| Network frequency                        | 50/60 Hz                                                                                                                                                                   |
| [Uimp] rated impulse withstand voltage   | 6 kV                                                                                                                                                                       |
| [Ui] rated insulation voltage            | 500 V                                                                                                                                                                      |
| [Icw] rated short-time withstand current | 0.5 kA                                                                                                                                                                     |
| [Ipk] rated peak withstand current       | 6 kA                                                                                                                                                                       |
| Electrical connection                    | Lubricated sliding contact                                                                                                                                                 |
| Radiated magnetic field                  | 0.039 μT                                                                                                                                                                   |
| Thermal stress limit                     | 290 kA <sup>2</sup> .s                                                                                                                                                     |
| THDI                                     | 0...15 % 40 A<br>15...33 % 32 A<br>33...100 % 28 A                                                                                                                         |
| Voltage drop                             | 0.516 V 1 50 Hz with 1A for 100 m long<br>0.474 V 0.9 50 Hz with 1A for 100 m long<br>0.425 V 0.8 50 Hz with 1A for 100 m long<br>0.376 V 0.7 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<br>IEC 60439-2 |
| Width              | 92 mm                      |
| Depth              | 27.5 mm                    |
| Colour             | RAL 9001: white            |
| 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 | 0...35 °C 100 % of In<br>35...40 °C 97 % of In<br>40...45 °C 94 % of In<br>45...50 °C 91 % of In<br>50...55 °C 87 % of In |

## Offer Sustainability

|                                  |                                                                                                                                       |
|----------------------------------|---------------------------------------------------------------------------------------------------------------------------------------|
| Sustainable offer status         | Green Premium product                                                                                                                 |
| RoHS (date code: YYWW)           | Compliant - since 1012 - Schneider Electric declaration of conformity<br><a href="#">Schneider Electric declaration of conformity</a> |
| REACH                            | Reference not containing SVHC above the threshold<br><a href="#">Reference not containing SVHC above the threshold</a>                |
| Product environmental profile    | Available<br><a href="#">Product Environmental Profile</a>                                                                            |
| Product end of life instructions | Need no specific recycling operations                                                                                                 |

## Contractual warranty

|                 |           |
|-----------------|-----------|
| Warranty period | 18 months |
|-----------------|-----------|