

# Product data sheet

Specifications

Flexible length, Canalis KN, 100A, edgewise, 3L+N+PE, fixed length 1m, white RAL9001



KNA100DF410

## Main

Range Of Product	Canalis
Product Name	KN
Product Or Component Type	Flexible element
Busbar Description	Flexible length
Device Application	Low power distribution
Direction Change Type	2 dimensions
[Ie] Rated Operational Current	100 A at 35 °C
[Ue] Rated Operational Voltage	230...500 V
Network Frequency	50/60 Hz
Number Of Circuits	1
Control Type	Without
Colour	White (RAL 9001)

## Complementary

Mounting Mode	By screws
Thermal Stress Limit	1980 kA².s
Maximum Radiated Magnetic Field	0.106 µT
[Uimp] Rated Impulse Withstand Voltage	6 kV
[Ui] Rated Insulation Voltage	500 V
[Icw] Rated Short-Time Withstand Current	1.4 kA
[Ipk] Rated Peak Withstand Current	14 kA
Thdi	0...15 % 100 A 15...33 % 80 A 33...100 % 63 A
Length	1 m
Net Weight	2.3 kg
Standards	IEC 61439-1 IEC 61439-6

## 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

Ambient Air Temperature For Operation	0...35 °C without derating
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## Packing Units

Unit Type Of Package 1	PCE
Number Of Units In Package 1	1
Package 1 Height	3.500 cm
Package 1 Width	9.200 cm
Package 1 Length	101.000 cm
Package 1 Weight	2.200 kg
Unit Type Of Package 2	PAL
Number Of Units In Package 2	40
Package 2 Height	50.000 cm
Package 2 Width	62.000 cm
Package 2 Length	119.000 cm
Package 2 Weight	97.000 kg

## Contractual warranty

Warranty	18 months
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## 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

<div><div>✓</div></div>	Reach Free Of Svhc	
<div><div>✓</div></div>	Toxic Heavy Metal Free	
<div><div>✓</div></div>	Mercury Free	
<div><div>✓</div></div>	Rohs Exemption Information	Yes
<div><div>✓</div></div>	Halogen Free Product	
Reach Regulation	<a href="#">REACH Declaration</a>	
Eu Rohs Directive	Compliant <a href="#">EU RoHS Declaration</a>	
China Rohs Regulation	<a href="#">China RoHS declaration</a> 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	