

Product data sheet

Specifications



Flexible length, Canalis KN,
40/63/100A, edgewise, 3L+N+PE,
fixed length 3m, white RAL9001

KNA100EDF430

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	3 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	3 m
Net Weight	5 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	12.000 cm
Package 1 Width	40.000 cm
Package 1 Length	60.000 cm
Package 1 Weight	5.000 kg
Unit Type Of Package 2	P12
Number Of Units In Package 2	20
Package 2 Height	75.000 cm
Package 2 Width	80.000 cm
Package 2 Length	120.000 cm
Package 2 Weight	108.000 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-CO₂ 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	REACH Declaration	
Eu Rohs Directive	Compliant EU RoHS Declaration	
China Rohs Regulation	China RoHS declaration 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	