

Product datasheet

Specifications



Flexible elbow, Canalis KN,100A,
edgewise, 3L+N+PE, white
RAL9001

KNA100DL4

Main

Range of product	Canalis
Product name	KN
Product or component type	Flexible element
Busbar description	Flexible elbow
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
Operating angle	80...180 °
Length	355 mm
Net weight	1.3 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	4.0 cm
Package 1 Width	11.0 cm
Package 1 Length	54.5 cm
Package 1 Weight	1.037 kg
Unit Type of Package 2	P06
Number of Units in Package 2	4
Package 2 Height	26 cm
Package 2 Width	60 cm
Package 2 Length	80 cm
Package 2 Weight	10.546 kg

Contractual warranty

Warranty	18 months
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Environmental Data

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 footprint	
Environmental Disclosure	Product Environmental Profile

Use Better

Materials and Substances	
Packaging made with recycled cardboard	Yes
Packaging without single use plastic	Yes
EU RoHS Directive	Compliant
REACH Regulation	REACH Declaration
Halogen-free status	Halogen free product
PVC free	Yes
Silicone-free	Yes

Use Again

Repack and remanufacture	
End of life manual availability	No need of specific recycling operations
Take-back	No
WEEE Label	 The product must be disposed on European Union markets following specific waste collection and never end up in rubbish bins