

Product datasheet

Specifications



Automatic transfer switch, WATSN, 100A, 4P, type A, under/over-voltage

NA01004V

Main

Range of product	WATSN
Device short name	WATSN100
Product or component type	Automatic transfer switch
Device application	Control switch
Poles description	4P
Network type	AC
Network frequency	50/60 Hz
Mounting mode	Rack-mounted
Downside connection	Screwed
Upside connection	Screwed
Contact position indicator	Yes
[Icm] rated short-circuit making capacity	7.65 kA
Suitability for isolation	Yes

Complementary

Number of contact position	3
Control type	A
Mounting support	DIN rail Plate
Transfer switch class	PC
Utilisation category	AC-33iB
Locking options description	Padlock in OFF position
[Ie] rated operational current	100 A
[Ui] rated insulation voltage	690 V
[Uimp] rated impulse withstand voltage	6 kV
Mechanical interlocking	With mechanical interlocking
Mechanical durability	10000 cycles
Electrical durability	6000 cycles
[Ue] rated operational voltage	400 V AC 50/60 Hz
Rated conditional short-circuit current	NSX100N: Iq 50 kA NT00: Iq 100 kA
[Icw] rated short-time withstand current	5 kA

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

Height	125 mm
Width	240 mm
Depth	94.5 mm
Net weight	2.6 kg

Environment

Product certifications	CCC CB CE
Standards	GB/T 14048.11 IEC 60947-6-1
Ambient air temperature for operation	-25...70 °C
Ambient air temperature for storage	-35...85 °C

Packing Units

Unit Type of Package 1	PCE
Number of Units in Package 1	1
Package 1 Height	13.5 cm
Package 1 Width	25.8 cm
Package 1 Length	9.5 cm
Package 1 Weight	2.0 kg

Contractual warranty

Warranty (in months)	18
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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

Total lifecycle Carbon footprint	364 kg CO2 eq.
Environmental Disclosure	Product Environmental Profile
Carbon footprint of the manufacturing phase [A1 to A3]	35 kg CO2 eq.
Carbon footprint of the distribution phase [A4]	0.5 kg CO2 eq.
Carbon footprint of the installation phase [A5]	0.1 kg CO2 eq.
Carbon footprint of the use phase [B2, B3, B4, B6]	321 kg CO2 eq.
Carbon footprint of the end-of-life phase [C1 to C4]	7 kg CO2 eq.

Use Better



Materials and Substances

Packaging made with recycled cardboard	Yes
Packaging without single use plastic	No
EU RoHS Directive	Compliant
REACH Regulation	Reference contains Substances of Very High Concern above the threshold

Use Longer



Lifetime extension

Repair	No
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Use Again



Repack and remanufacture

Recyclability potential, in %	51
End of life manual availability	End of Life Information
Take-back	No