

Product datasheet

Specifications



SmartX Controller I/O Module, 16 Digital Inputs

SXWDI16XX10001

EAN Code: 7332552009662

Main

Flame retardance	UL94V0-5VB
Width	30 mm
Product certifications	ICES-003 FCC part 15 class B CE RCM
Power consumption in VA	1.6 W
Net weight	194 g
Product or component type	I/O module
Device short name	DI-16
Height	114 mm
Ambient air temperature for storage	-20...70 °C
Depth	64 mm
Ambient air temperature for operation	0...50 °C
IP degree of protection	IP20
Input/output type	digital input
Relative humidity	0...95 % non-condensing
Product name	I/O Modules
Product brand	Schneider Electric
Range	EcoStruxure Building Operation

Complementary

Switching frequency	25 Hz
Discrete input number	16
Mounting support	Wall DIN rail
Electrical connection	Plug-in sub-base
Control type	Without
Discrete input voltage	24 V
Local signalling	LED (green/red) for high signal level LED (green/red) for low signal level
Range compatibility	EcoStruxure Building Operation TB-IO-W1 terminal base
Standards	UL 864 UL 916 FCC CFR 47 part 15

Material	ABS + PC
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Packing Units

Unit Type of Package 1	PCE
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Number of Units in Package 1	1
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Package 1 Height	5.800 cm
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Package 1 Width	9.200 cm
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Package 1 Length	11.600 cm
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Package 1 Weight	160.000 g
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Unit Type of Package 2	S02
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Number of Units in Package 2	40
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Package 2 Height	15.000 cm
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Package 2 Width	30.000 cm
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Package 2 Length	40.000 cm
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Package 2 Weight	3.143 kg
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Unit Type of Package 3	P12
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Number of Units in Package 3	2560
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Package 3 Height	80.000 cm
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Package 3 Width	105.000 cm
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Package 3 Length	125.000 cm
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Package 3 Weight	104.500 kg
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Logistical informations

Country of origin	SE
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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	64 kg CO2 eq.
Carbon footprint of the manufacturing phase [A1 to A3]	5 kg CO2 eq.
Carbon footprint of the distribution phase [A4]	0 kg CO2 eq.
Carbon footprint of the installation phase [A5]	0 kg CO2 eq.
Carbon footprint of the use phase [B2, B3, B4, B6]	58 kg CO2 eq.
Carbon footprint of the end-of-life phase [C1 to C4]	0.4 kg CO2 eq.

Use Better



Materials and Substances

Packaging made with recycled cardboard	Yes
Packaging without single use plastic	Yes
EU RoHS Directive	Compliant with Exemptions
SCIP Number	08bd611f-8419-43db-ad4e-34d847346717
REACH Regulation	REACH Declaration
Halogen-free status	Halogen free plastic parts & cables product
PVC free	Yes

Use Longer



Lifetime extension

Repair	No
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Use Again



Repack and remanufacture

Recyclability potential, in %	0
End of life manual availability	End of Life Information
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