

Product datasheet

Specifications



SmartX Controller I/O Module, 16 Digital Inputs

SXWDI16XX10001

EAN Code: 7332552009662

Main

Device Short Name	DI-16
Product Or Component Type	I/O module
Net Weight	194 g
Flame Retardance	UL94V0-5VB
Height	114 mm
Product Certifications	ICES-003 FCC part 15 class B CE RCM
Width	30 mm
Power Consumption In Va	1.6 W
Depth	64 mm
Ambient Air Temperature For Operation	0...50 °C
Ip Degree Of Protection	IP20
Ambient Air Temperature For Storage	-20...70 °C
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

Control Type	Without
Electrical Connection	Plug-in sub-base
Switching Frequency	25 Hz
Discrete Input Number	16
Discrete Input Voltage	24 V
Mounting Support	Wall DIN rail
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
-----------------	----------

Packing Units

Unit Type Of Package 1	PCE
-------------------------------	-----

Number Of Units In Package 1	1
-------------------------------------	---

Package 1 Height	9 cm
-------------------------	------

Package 1 Width	5.7 cm
------------------------	--------

Package 1 Length	11.7 cm
-------------------------	---------

Package 1 Weight	156.6 g
-------------------------	---------

Contractual warranty

Warranty	18 months
-----------------	-----------

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 >](#)



Transparency RoHS/REACH

Well-being performance

✓ Mercury Free

✓ Rohs Exemption Information [Yes](#)

✓ Pvc Free

✓ Halogen Free Plastic Parts & Cables Product

Certifications & Standards

Reach Regulation [REACH Declaration](#)

Eu Rohs Directive [Compliant with Exemptions](#)

China Rohs Regulation [China RoHS declaration](#)

Environmental Disclosure [Product Environmental Profile](#)

Weee [The product must be disposed on European Union markets following specific waste collection and never end up in rubbish bins](#)

Circularity Profile [End of Life Information](#)