

Product datasheet

Specifications



Humidity sensor, SpaceLogic Sensors, SHD2 Series, temperature, BACnet, Modbus, temperature transmitter

SHD2XP2A

EAN Code: 3606485849331

Main

Range of product	SpaceLogic
Product or component type	Sensor
Type of measurement	Humidity Temperature
Device application	HVAC
Location	Indoor
Calibration certificate	Humidity: replaceable RH element available in 1% & 2% with NIST
Sensor type	Thin film capacitive, replaceable humidity Solid state temperature Transmitter temperature
Colour	Duct:
Communication port protocol	BACnet MS/TP Modbus RTU
Communication network type	Wired
Depth	249 mm
Height	100 mm
Width	133 mm
Connections - terminals	Screwless terminals
Enclosure material	Polycarbonate strong housing
Humidity measurement accuracy	+/- 2 % 0...100 % RH
Relative humidity	0...95 % RH, non-condensing
Standards	EN 61000 EN 61000-6-2 EN 61000-6-3 EN 61326-1 UL 916 FCC part 15 class A REACH ICES-003 RoHS
Storage Relative Humidity	0...95 % RH, non-condensing
[Us] rated supply voltage	20...30 V DC 24 V AC
Temperature measurement accuracy	+/- 0.2 °C
Measurement temperature	-35...60 °C
Temperature resolution	0.1 °C
product name	Plant Room Air Quality Sensor

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

Product brand	Schneider Electric
Range	SHD2 Series

Complementary

Market segment	Buildings
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Environment

IP degree of protection	IP65
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Packing Units

Unit Type of Package 1	PCE
Number of Units in Package 1	1
Package 1 Height	31.8 cm
Package 1 Width	15 cm
Package 1 Length	11.8 cm
Package 1 Weight	500 g
Unit Type of Package 2	S03
Number of Units in Package 2	4
Package 2 Height	30 cm
Package 2 Width	30 cm
Package 2 Length	40 cm
Package 2 Weight	2 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	
Carbon footprint (kg.eq.CO2 per CR, Total Life cycle)	38
Environmental Disclosure	Product Environmental Profile

Use Better

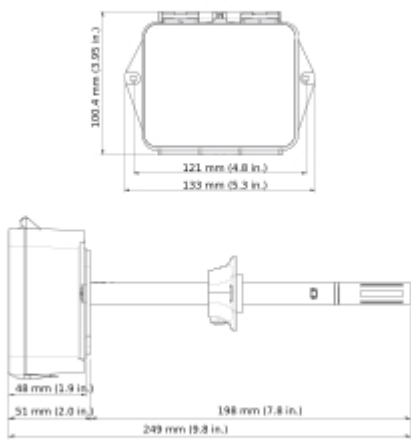
 Materials and Substances	
Packaging made with recycled cardboard	No
Packaging without single use plastic	No
EU RoHS Directive	Compliant
SCIP Number	5386f444-bbfa-4e6f-ab91-3a532e954893

Use Again

 Repack and remanufacture	
Circularity Profile	End of Life Information
Take-back	No

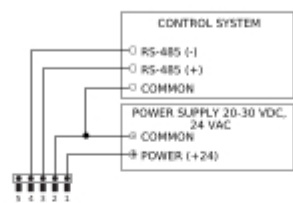
Technical Illustration

Dimensions



Technical Illustration

Wiring diagram



Offer Marketing Illustration

Product benefits / Features



Offer Marketing Illustration

Product benefits / Features

