

Product datasheet

Specifications



RH ZIGBEE PIR LOW VOL SILVER

SE8350U5B00P

EAN Code: 3606489715458

Main

AWG gauge	AWG 24...AWG 18
Humidity measurement drift	Less than 1 % yearly
Width	86 mm
Market segment	Lodging/hotel Small commercial Buildings Healthcare Non-critical buildings Office Residential School
Device application	Low voltage fan coil
Net weight	340 g
Product or component type	Room controller
product name	SE8000 Series
Device short name	SE8300
Height	120 mm
Directives	2014/30/EU - electromagnetic compatibility 2014/35/EU - low voltage directive 2014/53/EU - radio equipment directive
[In] rated current	4 A
Temperature resolution	0.1 °C
Housing colour	Silver
Ambient air temperature for storage	-30...50 °C
Depth	25 mm
Ambient air temperature for operation	0...50 °C
Measurement accuracy	Temperature: +/- 0.5 °C, Humidity: +/- 5 %, 20...80 % RH (non-condensing) Humidity: +/- 10 %, 10...20 % (non-condensing) Humidity: +/- 10 %, 80...90 % (non-condensing)
Information displayed	Temperature: - 40...122 °F
Network frequency	50 Hz 60 Hz
Communication port protocol	BACnet MS/TP Modbus RTU Zigbee Pro
Temperature setting range	12...37.5 °C cooling 4.5...32 °C heating

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

Input voltage	0...10 V DC
Calibration certificate	1 pt
Output voltage	24 V AC for relay output 0...10 V DC for analog output
Relative humidity	0...95 %
Output current	1 A relay output 3 A relay output (inrush) 0.3 A universal output 1.5 A universal output (inrush)
Input type	2 x dry contact 5 x analog
Sensor type	10 kOhm T2 NTC thermistor temperature Space RH sensor humidity Bulk polymer humidity
Output type	5 xrelay output 4 xuniversal
[Us] rated supply voltage	24 V AC 50/60 Hz +/- 15 %
Standards	EN/IEC 60730-1 EN/IEC 60730-2-9 EN/IEC 60730-2-13 CSA E60730-2-9 UL 60730-2-9 UL 60730-2-13 ICES-003 FCC part 15 Subpart B ETSI EN 300 328:v2.1.1 ETSI EN 301 489-1:v1.9.2 FCC part 15 Subpart C ETSI EN 301 489-17:v2.2.1, 2012 RSS 247
Humidity setting range	30...95 %
Range	EcoStruxure Building Expert
Economizer	No
Humidity control	Yes
PIR cover	Yes
Scheduling	No

Complementary

surface treatment	Untreated
Surface finish	Matt
Function available	Fan control HVAC control Available with CO2/RH/T Brightness sensor Changes can be made directly over display Code lock function Easily configurable Firmware update by USB

Packing Units

Unit Type of Package 1	PCE
Number of Units in Package 1	1
Package 1 Height	15.4 cm
Package 1 Width	10.6 cm

Package 1 Length	5 cm
Package 1 Weight	220 g

Logistical informations

Country of origin	MX
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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)	181
Environmental Disclosure	Product Environmental Profile

Use Better

Materials and Substances	
Packaging made with recycled cardboard	Yes
Packaging without single use plastic	No
EU RoHS Directive	Compliant with Exemptions
SCIP Number	36265055-6713-4452-af94-2e6566ec0ebd
REACH Regulation	REACH Declaration

Use Again

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

Image of product / Alternate images

Alternative

