Product datasheet

Specifications



RH ZIGBEE PIR LOW VOL WHITE

SE8350U5B11P

EAN Code: 3606489715465

Main

AWG gauge	24 AWG...18 AWG
Width	86 mm
Market segment	Lodging Small commercial Hotel 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
Housing colour	White
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
Input voltage	0...10 V DC
Output voltage	24 V AC for relay output 0...10 V DC for analog output

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

Relative humidity	0…95 %
Output current	1 A relay output 3 A relay output (inrush)
Input type	2 x dry contact 5 x analog
Sensor type	10 kOhm T2 NTC thermistor temperature Space RH sensor 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	Yes

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	15.8 cm
Package 1 Width	10.6 cm
Package 1 Length	5.2 cm
Package 1 Weight	240 g

Logistical informations

Country of origin	MX

Contractual warranty

Warranty (in months)	18

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	**180 kg CO2 eq.**
Carbon footprint of the manufacturing phase [A1 to A3]	**13 kg CO2 eq.**
Carbon footprint of the distribution phase [A4]	**0.4 kg CO2 eq.**
Carbon footprint of the installation phase [A5]	**0 kg CO2 eq.**
Carbon footprint of the use phase [B2, B3, B4, B6]	**166 kg CO2 eq.**
Carbon footprint of the end-of-life phase [C1 to C4]	**0.4 kg CO2 eq.**
Environmental Disclosure	**Product Environmental Profile**

Use Better

Materials and Substances

Packaging made with recycled cardboard	**Yes**
Packaging without single use plastic	**No**
SCIP Number	**36265055-6713-4452-af94-2e6566ec0ebd**
EU RoHS Directive	**Compliant By Exemption**
REACh Regulation	**Reference contains Substances of Very High Concern above the threshold**

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**

Image of product / Alternate images

Alternative

