

Product data sheet

Specifications



Roof Top Unit, Heat Pump & Indoor Air Quality Ctrl: BACnet MS/TP, RH sensor & control, White Case/Fascia

SE8650U0B11

Main

AWG gauge	AWG 22...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	Staging equipment (RTU/HP)
Net weight	340 g
Product or component type	Roof top unit
Product name	SE8000 Series
Device short name	SE8600
Height	120 mm
Targeted region	North America.
Directives	2014/30/EU - electromagnetic compatibility 2014/35/EU - low voltage directive 2014/53/EU - radio equipment directive
Temperature resolution	0.1 °C
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
Input voltage	0...10 V

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

Temperature setting range	12...37.5 °C cooling 4.5...32 °C heating
Calibration certificate	1 pt
Standards	EN/IEC 60730-1 FCC part 15 Subpart B ICES-003 ETSI EN 300 328 ETSI EN 301 489-1:v1.9.2 FCC part 15 Subpart C UL 60730-2-9 ETSI EN 301 489-17:v2.2.1, 2012
Relative humidity	0...75 %
[Us] rated supply voltage	24 V AC 50/60 Hz +/- 15 %
Output voltage	24 V AC/DC for relay output 0...10 V AC/DC for voltage output
Output type	5 xrelay output 4 xuniversal
Output current	1 A relay output 3 A relay output (inrush) 0.3 A universal output 1.5 A universal output (inrush)
Sensor type	10 kOhm T2 NTC thermistor temperature Space RH sensor humidity Bulk polymer humidity
Input type	2 x dry contact 5 x analog
Humidity setting range	30...95 %
Range	EcoStruxure Building Expert
Economizer	No
Humidity control	Yes
PIR cover	No
Scheduling	Yes

Complementary

surface treatment	Untreated
Surface finish	Matt
Function available	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 Fan control

Packing Units

Unit Type of Package 1	PCE
Number of Units in Package 1	1
Package 1 Height	15.6 cm
Package 1 Width	10.6 cm
Package 1 Length	5 cm
Package 1 Weight	220 g

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
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
California proposition 65	WARNING: This product can expose you to chemicals including: LEAD, which is known to the State of California to cause cancer and birth defects or other reproductive harm. For more information go to www.P65Warnings.ca.gov

Use Again

Repack and remanufacture	
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

