Product data sheet

Specifications



Roof Top Unit, Heat Pump & Indoor Air Quality Ctrl: BACnet MS/TP, RH sensor & control, PIR motion sensor, Silver Case/Fascia [TAA]

SE8650U5B00

Product availability: Stock - Normally stocked in distribution facility

Main

AWG Gauge	22 AWG...18 AWG
Humidity Measurement Drift	Less Than 1 % Yearly
Width	3.4 in (86 mm)
Market Segment	Lodging/Hotel Small commercial Buildings Healthcare Non-critical buildings Office Residential School
Device Application	Staging equipment (RTU/HP)
Net Weight	12.0 oz (340 g)
Product or Component Type	Roof top unit
Product name	SE8000 Series
Device short name	SE8600
Height	4.7 in (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	Silver
Ambient Air Temperature for Storage	-22…122 °F (-30…50 °C)
Depth	1.0 in (25 mm)
Ambient Air Temperature for Operation	32…122 °F (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	60 Hz 50 Hz
Communication Port Protocol	BACnet MS/TP Modbus RTU Zigbee Pro
Input voltage	0...10 V

Price is “List Price” and may be subject to a trade discount – check with your local distributor or retailer for actual price.

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	54…100 °F (12…37.5 °C) cooling 40…90 °F (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 relay output 0...10 V AC/DC 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	Dry contact 2 Analog 5
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	Matte
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

Ordering and shipping details

Category	US1DE1021009
Discount Schedule	DE10
GTIN	785901654988
Returnability	Yes
Country of origin	MX

Packing Units

Unit Type of Package 1	PCE
Nbr. of units in pkg.	1
Package 1 Height	6.1 in (15.6 cm)
Package 1 Width	4.3 in (10.8 cm)
Package 1 Length	2.0 in (5 cm)
Package weight(Lbs)	8.5 oz (240 g)

Compliance

Compliance	TAA Compliant

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**
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

Recyclability potential, in %	**0**
Circularity Profile	**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

