

# SE7656E5045

Indoor Air Quality Controller: Stand Alone,  
2H/2C, Economiser, Local scheduling



## Main

Device application	Indoor air quality (IAQ) Staging equipment (RTU/HP)
Net weight	0.34 kg
Product or component type	Room controller
Product name	SE7000 Series
Device short name	SE7600E
Height	124.97 mm
Product specific application	2-stage heating 2-stage cooling
AWG gauge	AWG 22...AWG 18
Width	86.87 mm
Market segment	Residential
Ambient air temperature for storage	-30...50 °C
Depth	29.97 mm
Ambient air temperature for operation	-0...50 °C
Measurement accuracy	Temperature: +/- 0.9 °F, (at 70 °F typically calibrated) Humidity: +/- 5 %, 20...80 % RH (non-condensing)
Product certifications	FCC conforming to CFR 47 part 15 class A[RETURN]CE[RETURN]C-Tick conforming to AS/NZS CISPR 22[RETURN]UL listed file E27734 CCN XPAX[RETURN]UL listed file E27734 CCN XPAX7
Information displayed	Temperature: - 40...122 °F
Network frequency	50 Hz 60 Hz
Communication port protocol	Standalone (network ready)
Input voltage	0...10 V DC
Temperature setting range	4...32 °C heating -17 °C per step 12...38 °C cooling
Humidity setting range	Dehumidification: 30...95 %
Calibration certificate	1 pt
Sensor type	10 kOhm T2 NTC thermistor Bulk polymer
[Us] rated supply voltage	10...30 V AC 50/60 Hz
Standards	FCC part 15 Subpart B UL 873 CSA C22.2 No 24 ICES-003
Relative humidity	0...95 % RH, non-condensing
Storage Relative Humidity	0...95 % RH, non-condensing
Input type	2 x analog
Output voltage	30 V AC for digital output 0...10 V DC for analog output
Output current	1 A at 30 V digital output (maximum) 3 A at 30 V digital output (inrush) ≤ 5 mA at 0...10 V analog output
Output type	2 x universal

The information provided in this documentation contains general descriptions and/or technical characteristics of the performance of the products contained herein. 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. It is the duty of any such user or integrator to perform the appropriate and complete risk analysis, evaluation and testing of the products with respect to the relevant specific application or use thereof. Neither Schneider Electric Industries SAS nor any of its affiliates or subsidiaries shall be responsible or liable for misuse of the information contained herein.

Range	EcoStruxure Building Expert
Economizer	Yes
Humidity control	No
PIR cover	No
Scheduling	Yes

## Complementary

Device presentation	Without cover
Connections - terminals	Screw terminal
Contact operation	5 standard push-button
Regulation loop	For heating: adjustable P regulator by -17 °C (factory setting) For cooling: adjustable P regulator by -17 °C (factory setting)
Accuracy	+/- 3 % for analog output
Range compatibility	EcoStruxure Building Expert communication card EcoStruxure Building Expert sensor EcoStruxure Building Expert temperature sensor EcoStruxure Building Expert relay EcoStruxure Building Expert sensor coverplate

## Packing Units

Unit Type of Package 1	PCE
Number of Units in Package 1	1
Package 1 Height	15.2 cm
Package 1 Width	10.1 cm
Package 1 Length	5.2 cm
Package 1 Weight	45.0 g

## Offer Sustainability

EU RoHS Directive	Compliant <a href="#">EU RoHS Declaration</a>
Mercury free	Yes
China RoHS Regulation	<a href="#">China RoHS Declaration</a>
RoHS exemption information	<a href="#">Yes</a>
Environmental Disclosure	<a href="#">Product Environmental Profile</a>
Circularity Profile	<a href="#">End Of Life Information</a>