

Product data sheet

Characteristics

SE7656E5045W

EBE - IAQ controller - Zigbee - economizer +scheduling - 2H/2C



Main

Range	EcoStruxure Building Expert
Product name	SE7000 Series
Device short name	SE7600E
Product or component type	Room controller
Device application	Indoor air quality (IAQ)
Product specific application	2-stage heating 2-stage cooling
Sensor type	10 kOhm T2 NTC thermistor measurement range: +/- 0.2 °F
PIR cover	Without cover

Complementary

Range compatibility	communication card sensor temperature sensor relay sensor coverplate
[Us] rated supply voltage	10...30 V AC 50/60 Hz
Network frequency	50 Hz 60 Hz
Communication port protocol	Zigbee
Function available	Economiser Scheduling
Temperature setting range	4...32 °C heating -17 °C per step 12...38 °C cooling
Information displayed	Temperature: - 40...122 °F
Control accuracy	Temperature: +/- 0.9 °F, (at 70 °F typically calibrated)
Number of inputs	2 analog
Input voltage	0...10 V DC
Number of outputs	2 universal
Output rating	For digital output: 30 V AC, 1 A (maximum) For digital output: 30 V AC, 3 A (inrush) For analog output: 0...10 V DC, <= 5 mA into >= 2 kOhm

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

Humidification output accuracy	+/- 3 % for analog output
Proportional band	For heating: adjustable P regulator by -17 °C (factory setting) For cooling: adjustable P regulator by -17 °C (factory setting)
Contact operation	5 standard push-button
AWG gauge	AWG 22...AWG 18
Connections - terminals	Screw terminal
Width	86.87 mm
Depth	29.97 mm
Height	124.97 mm
Net weight	0.34 kg

Environment

Relative humidity	0...95 %, non-condensing (operating) 0...95 %, non-condensing (storage)
Ambient air temperature for operation	-0...50 °C
Ambient air temperature for storage	-30...50 °C
Standards	UL 873 CSA C22.2 No 24 ICES-003 FCC part 15 subpart C

Packing Units

Unit Type of Package 1	PCE
Number of Units in Package 1	1
Package 1 Weight	45 g
Package 1 Height	15.2 cm
Package 1 width	10.1 cm
Package 1 Length	5.2 cm

Offer Sustainability

EU RoHS Directive	Under investigation
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