

Product data sheet

Specifications



Low-Voltage Fan Coil Room Controller: BACnet MS/TP, RH sensor & control, Analog 0-10 Vdc, Hotel/Lodging

SE7355F5045B

Main

Product name	SE7000 Series
Device short name	SE7305
Product or component type	Room controller
Device application	Low voltage fan coil
Net weight	0.34 kg
AWG gauge	AWG 22...AWG 18
Height	124.97 mm
Width	86.87 mm
Directives	89/336/EEC - electromagnetic compatibility
Depth	29.97 mm
Ambient air temperature for operation	-0...50 °C
Market segment	Lodging/hotel
Ambient air temperature for storage	-30...50 °C
Measurement accuracy	Humidity: +/- 5 %, 20...80 % RH (non-condensing) Temperature: +/- 0.9 °F, (at 70 °F typically calibrated)
Product certifications	CE C-Tick conforming to AS/NZS CISPR 22 FCC conforming to CFR 47 part 15 class A UL listed file E27734 CCN XPAX UL listed file E27734 CCN XPAX7
Information displayed	Temperature: - 40...122 °F
Network frequency	60 Hz 50 Hz
Communication port protocol	BACnet MS/TP
Temperature setting range	4...32 °C heating -17 °C per step 12...38 °C cooling
Humidity setting range	Humidification: 10...90 % Dehumidification: 15...95 %
Calibration certificate	1 pt
Output type	2 xuniversal 1 xanalog
Output voltage	0...10 V DC for universal output 30 V AC for universal output

Input type	1.0 x dry contact
Output current	<= 5 mA universal output
Standards	UL 873 ICES-003 FCC part 15 Subpart B CSA C22.2 No 24
Relative humidity	0...95 % RH, non-condensing
[Us] rated supply voltage	10...30 V AC 50/60 Hz
Sensor type	Single point calibrated bulk polymer RH sensor humidity 10 kOhm T2 NTC thermistor temperature
Range	EcoStruxure Building Expert
Economizer	No
Humidity control	Yes
PIR cover	No
Scheduling	No

Complementary

Device presentation	Without cover
Number of steps	3
Rated operational power in VA	2 VA
Internal resistance	>= 2 kOhm
Connections - terminals	Screw terminal
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

Environment

Electrical insulation class	Class II
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Packing Units

Unit Type of Package 1	PCE
Number of Units in Package 1	1
Package 1 Height	10.0 cm
Package 1 Width	15.0 cm
Package 1 Length	5.0 cm
Package 1 Weight	200.0 g

Offer Sustainability

Sustainable offer status	Green Premium product
REACH Regulation	REACH Declaration
EU RoHS Directive	Compliant EU RoHS Declaration
Mercury free	Yes
China RoHS Regulation	China RoHS declaration Product out of China RoHS scope. Substance declaration for your information
RoHS exemption information	Yes
Environmental Disclosure	Product Environmental Profile

Recommended replacement(s)