

# SER7355A5045B

Line-Voltage Fan Coil Room Controller:  
BACnet MS/TP, Internal Humidity sensor, No  
PIR, Lodging/Hotel applications



## Main

Device application	Line voltage fan coil
Net weight	0.34 kg
Product or component type	Room controller
Product name	SE7000 Series
Device short name	SER7300
Height	124.97 mm
AWG gauge	AWG 22...AWG 14
Directives	89/336/EEC - electromagnetic compatibility
Width	86.87 mm
Market segment	Lodging/hotel
Ambient air temperature for storage	-30...50 °C
Depth	29.97 mm
Ambient air temperature for operation	-0...50 °C
Measurement accuracy	Humidity: +/- 5 %, 20...80 % RH (non-condensing) Temperature: +/- 0.9 °F, (at 70 °F typically calibrated)
Product certifications	FCC conforming to CFR 47 part 15[RETURN]CE[RETURN]C-Tick conforming to AS/NZS CISPR 22[RETURN]UL listed XAPX[RETURN]UL listed XAPX7
Information displayed	Temperature: - 40...122 °F
Network frequency	50 Hz 60 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	Dehumidification: 30...95 %
Calibration certificate	1 pt
Output type	1 x relay
Output voltage	30 V AC 7 V DC for relay power supply
Input type	2.0 x dry contact
Standards	CSA C22.2 No 24 FCC part 15 Subpart B ICES-003 UL 873
Relative humidity	0...95 % RH, non-condensing
[Us] rated supply voltage	10...30 V AC
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

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## Complementary

Device presentation	Without cover
Connections - terminals	Screw terminal
Derating factor	< 1 % yearly
Range compatibility	EcoStruxure Building Expert communication card EcoStruxure Building Expert sensor EcoStruxure Building Expert temperature sensor EcoStruxure Building Expert relay
Regulation loop	For heating: adjustable P regulator by -16 °C For cooling: adjustable P regulator by -16 °C

## 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	231.0 g

## Offer Sustainability

EU RoHS Directive	Compliant with Exemptions
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>