

# SER7350A5045

Line-Voltage Fan Coil Room Controller: Stand Alone, Internal Humidity sensor, No PIR, Commercial 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                        | Small commercial                                                                                                                    |
| 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)<br>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<br>60 Hz                                                                                                                      |
| Communication port protocol           | Standalone (network ready)                                                                                                          |
| Temperature setting range             | 4...32 °C heating<br>-17 °C per step<br>12...38 °C cooling                                                                          |
| Humidity setting range                | Dehumidification: 30...95 %                                                                                                         |
| Calibration certificate               | 1 pt                                                                                                                                |
| Output type                           | 1 x relay                                                                                                                           |
| Output voltage                        | 30 V AC<br>7 V DC for relay power supply                                                                                            |
| Input type                            | 2.0 x dry contact                                                                                                                   |
| Standards                             | UL 873<br>CSA C22.2 No 24<br>ICES-003<br>FCC part 15 Subpart B                                                                      |
| 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<br>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<br>EcoStruxure Building Expert sensor<br>EcoStruxure Building Expert temperature sensor<br>EcoStruxure Building Expert relay |
| Regulation loop         | For heating: adjustable P regulator by -16 °C<br>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 | Not compliant |
|-------------------|---------------|