



Main

Product name	SE8000 Series
Device short name	SER8300
Product or component type	Room controller
Sensor type	10 kOhm T2 NTC thermistor measurement range: +/- 0.5 % Space RH sensor measurement range: +/- 5 %
Colour tint	Silver

Complementary

Device application	Low voltage fan coil
[Us] rated supply voltage	7 V DC +/- 10 %
Network frequency	60 Hz 50 Hz
[In] rated current	4 A
Communication port protocol	Modbus RTU BACnet MS/TP
Function available	Changes can be made directly over display Scheduling Humidity control Fan control HVAC control Available with CO2/RH/T Brightness sensor Code lock function Easily configurable Firmware update by USB
Setpoint range cooling	12...37.5 °C for cooling 4.5...32 °C for heating
Temperature display range	-40...50 °C
Measurement accuracy	+/- 0.5 °C temperature +/- 5 % humidity (20...80 % RH non-condensing)
Discrete input type	2 dry contact

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

Analogue input type	5 analog input 0...10 V
Number of outputs	5 relay output 4 universal
Output voltage	24 V AC/DC 1 A relay output 0...10 V AC/DC <= 5 mA voltage output
Surface finish	Matt
Surface treatment	Untreated
AWG gauge	AWG 24...AWG 18
Width	86 mm
Depth	25 mm
Height	120 mm
Product weight	340 g
Market segment	Lodging Office School Residential Healthcare Buildings Non-critical buildings Hotel

Environment

Dehumidification setpoint range	30...95 %
Relative humidity	0...95 %
Ambient air temperature for operation	0...50 °C
Ambient air temperature for storage	-30...50 °C
Standards	FCC part 15 subpart C FCC part 15 subpart B ICES-003 ETSI EN 301 489-1: v1.9.2 ETSI EN 300 328 EN/IEC 60730-1 UL 60730-2-9 ETSI EN 301 489-17: v2.2.1, 2012
Directives	2014/35/EU - low voltage directive 2014/30/EU - electromagnetic compatibility 2014/53/EU - radio equipment directive

Offer Sustainability

Sustainable offer status	Green Premium product
RoHS (date code: YYWW)	Compliant - since 1326 - Schneider Electric declaration of conformity Schneider Electric declaration of conformity
REACH	Reference not containing SVHC above the threshold Reference not containing SVHC above the threshold
Product environmental profile	Available
Product end of life instructions	Available

SER8300A5B00 is replaced by:



SE8000 SER8350A5B00

Line Voltage Fan Coil Controller BACnet - rel humidity - PIR cover - SL

Qty 1

Reason for Substitution: End of life | Substitution date: 10 January 2019