

Date:	Supersedes:	<b>33SVSS20N-P</b> <b>SIGLER COMMUNICATING</b> <b>THERMOSTAT - G/E</b>	Rev:
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JOB NAME:	LOCATION:
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UNIT NUMBER:	Quantity:
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**PERFORMANCE DATA**

**Physical Characteristics**

Dimensions : (HxWxD): 4.94" x 3.38" x 1.13"

**Electrical Characteristics:**

19-30 Vac 50 or 60 Hz; 2 VA ( RC & C ) Class 2  
RC to RH jumper 2.0 Amps 48 VA maximum

**Environmental Requirements:**

Operating conditions: 0 °C to 50 °C ( 32 °F to 122 °F )  
0% to 95% R.H. non-condensing  
Storage conditions: -30 °C to 50 °C ( -22 °F to 122 °F )  
0% to 95% R.H. non-condensing

**Applications and Features:**

- System mode selections: Off-Heat-Cool-Auto
- 2-Heat / 2-Cool (Gas/Electric)
- Advanced occupancy functions / PIR cover mounted sensor
- Fan control: Cycling (Auto) or Continuous (On); 1 Speed
- Unique configuration key with password protection
- Lockable keypad
- 6 hour reserve time for clock
- 2 digital inputs for monitoring
- Remote room and outdoor temperature sensor
- Auxiliary output
- Intuitive, menu-driven programming (7 day, 2/4 events)
- Stand alone network ready communication module option

**Temperature Sensors:**

Sensor: Local 10 K NTC thermistor  
Resolution: ± 0.1 °C ( ± 0.2 °F )  
Control accuracy: ± 0.5 °C ( ± 0.9 °F ) @ 21 °C ( 70 °F ) typical calibrated  
Occupied and unoccupied setpoint range  
cooling:  
12.0 to 37.5 °C ( 54 to 100 °F )  
Occupied and unoccupied setpoint range  
heating:  
4.5 °C to 32 °C ( 40 °F to 90 °F )  
Room and outdoor air temperature range -40 °C to 50 °C ( -40 °F to 122 °F )

**Inputs/Outputs**

Digital inputs: Relay dry contact only across C terminal to DI1 or DI2  
Contact output rating: Each relay output: ( Y1, Y2, G, W1, W2 & AU )  
30 Vac, 1 Amp. maximum  
30 Vac, 3 Amp. in-rush

