

Models

SCC80

Description

The SCC80 is a duct-mounted, pre-calibrated changeover control sensor that's easy to install and highly accurate.

Applications

- Duct temperature changeover controller with fixed set point

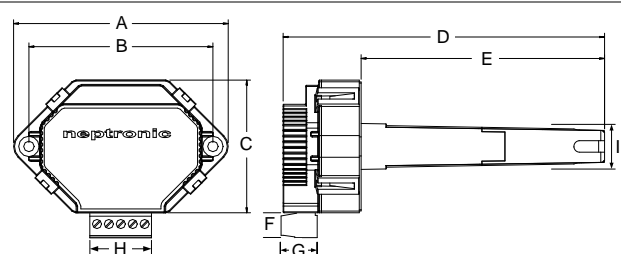
Features

- 24Vac or 24 Vdc supply
- Sensor operation temperature up to 176°F [80°C]
- Fast response, excellent accuracy
- SPDT output relay
- No adjustments required (pre-calibrated)
- Built-in mounting tabs and mounting screws supplied for easy installation
- Status LED



SCC80

Technical Specifications

Specifications	SCC80
Input Voltage	24 Vac or 24 Vdc
Consumption	1.5VA @ 24 Vac
Sensor	Thermistor (max temperature 176°F [80°C])
Accuracy	Accuracy: +/- 1% @ 77°F [25°C]
Setpoint	Cooling: 73.4°F [23°C] Heating: 78.8°F [26°C]
Hysteresis	5.4°F [3°C]
Relay output	One SPDT relay: 1A @ 24 Vdc, 1A @ 24 Vac, resistive load
Electrical Connections	18 AWG [0.8 mm ²] minimum
Operational Temperature	32°F to 122°F [0°C to 50°C]
Storage Temperature	-22°F to 122°F [-30°C to 50°C]
Relative Humidity	5 to 95% non condensed
Weight	0.17 lbs [75g]
Dimensions	 <p> A = 3.50" [89mm] B = 3.00" [76mm] C = 2.16" [55mm] D = 5.24" [133mm] E = 3.97" [101mm] F = 0.37" [9.5mm] G = 0.6" [15mm] H = 0.8" [20mm] I = 0.75" [19mm] </p>

Process and Wiring

Temperature	NC contact	NO contact	LED
less than 73.4°F [23°C]	Opens	Closes	On
greater than 78.8°F [26°C]	Closes	Opens	Off
between 73.4°F [23°C] - 78.8°F [26°]	No change of state		
Caution: We strongly recommend that all Neptronic® products be wired to a separate transformer and that transformer shall service only Neptronic® products. This precaution will prevent interference with, and/or possible damage to incompatible equipment.			

Power Input

Common _____

24Vac / 24Vdc _____

Status LED

ON = < 73.4°F [23°C]

OFF = > 78.8°F [26°C]

SPDT Relay Output

NO (normally open) _____

Common _____

NC (normally closed) _____

