SPECIFIED CONTROLS

Specification Sheet
Night Stat

SC-Z20-NS

Used in commercial zoning applications

The SC-Z20-NS programmable touchscreen thermostat can be used for occupied and unoccupied scheduling of the SC-Z20 commercial zone control system. When wired and configured properly, the thermostat takes the place of a separate 7-day time clock, night stat and override timer. The SC-Z20-NS Programmable Fan option is used to trigger the 'G' fan relay to open or close the Clock Contact 'T' terminals on the SC-Z20 panel that places the zoning system in the occupied or unoccupied mode of operation. The thermostat can also be used with an indoor remote sensor. 24 volt power to the thermostat is supplied by the SC-Z20 panel through dedicated Clock Power terminals. The thermostat also has battery backup to maintain the real-time clock in the event of a power failure. The SC-Z20 can be configured to provide 7-day scheduling with 2 or 4 events per day. For commercial schedules, 2 events per day is typical.

Specifications:

Input Voltage:	20-30 VAC 50/60 Hz
Relay Rating:	24 VAC@1 Amp maximum
Battery Power:	(2) AA 1.5 V
Operating Temp:	32° F to 150° F
Operating RH:	0-95% (non-condensing)
Storage Temp:	32° F to 150° F
Overall Size:	5.5" W x 3.75" H x 1.312" D
LCD Display Size:	4.125" W x 2.375" H
Back Light:	Blue LED
Short-cycle Delay:	4 minutes
Display Temp:	1° F resolutions
Setpoint Range:	
Heating	41° F - 120° F
Cooling	43° F - 122° F
Heating/Cooling Limits:	Fully adjustable
Temperature Sensor:	
Resistance	10KΩ @ 77° F
Tolerance	+/- 3% @ 77° F