SUBMITTAL

ZONEX SYSTEMS
comfort you control

MODS2 Thermostats
Communicating / Modulating / 2 Position Zone Thermostat

DESCRIPTION

The **MODS2** is microprocessor based, auto changeover, communicating zone thermostats. The MODS2 controls 2-position, low pressure dampers. These communicating zone thermostats are used with the *ModCom, Zonex Commander (Plus)* DDC systems, and the System 2000 *GEN II* zoning system.

MODS2 thermostats communicate to the command centers or zone controller to initiate Heat or Cool calls in the system. Zone status and system operation are displayed on the large, easy-to-read backlit LCD display.

The MODS2 thermostats are easy to configure and make manual adjustments with the function buttons located on the front cover.

The space ambient temperature is continuously displayed with a range of 55° to 95° F. Programmed setpoints can be manually adjusted or electronically locked through the program to provide limited manual setpoint adjustment. Two-hour override is provided for after hours temporary operation, with a touch of a button. The thermostat can be easily field calibrated, if required.

TECHNICAL DATA

Electrical:
Supply voltage: 24vac

Power consumption: 4 va maximum

Input:
- 24vac
- Platinum Thermistor

Outputs:
- RC Relays - 24vac @ 1 amp max
- W1 Relay - 24vac @ 1.0 amp maximum

Communication: RS485
Twisted pair or shielded twisted pair

Environmental:
Operating Temperature: 35° to 130° F (2° to 54° C)
Operating Humidity: 5 to 95% non-condensing
Storage Temperature: 0° to 150° (-18° to 66° C)

General:
Dimensions: 4 ½" H x 2 7/8" W x 1" D
Temperature Display Range: 55° to 95° F
Accuracy: +/- 0.8° F
Memory: Non-volatile EEPROM
Display: Grey backlight LCD

Rev 5/22/14

TERMINAL FUNCTIONS

24V Terminal Block
RO – NOT USED
RC – Run Close, damper
AUX – Reheat/AUX Heat Fan
R – 24vac power input
C-MC – 24vac common / damper common
(18 ga. Minimum wire size)

Communication Terminal Block

TX – Data Transmit
RX – Data Receive
TX – Data Transmit
RX – Data Receive
(Twisted pair or shielded twisted pair)

FEATURES

- Attractive compact design
- No batteries required
- Neutral off-white color
- Accurate temperature control
- Electronic lock

- Large display with grey backlight
- Function buttons on front cover
- Configurable Reheat and Auxiliary heat output
- ModStat to control power open/close dampers
- MODS2 to control power close/spring open dampers

ACCESSORIES

Part No.	Description
ModStatRS	ModStat thermostat with remote sensor
ModStatC	For Celsius version add "C" to thermostat Part No.
WPLT	Wall Plate – when upgrading VVT and VVHC thermostats
RZKIT	Thermostat and actuator as a package for VVT, and other, upgrade.