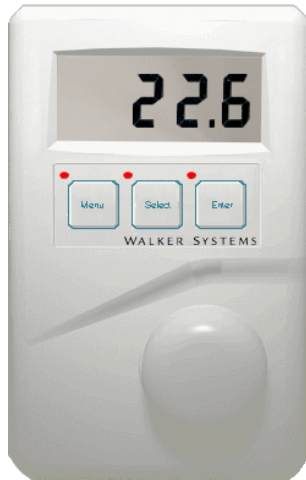




WALKER SYSTEMS
building intelligence



DESCRIPTION

RoomSTAT IOB is an I/O Bus room sensor that combines high accuracy temperature sensors with I/O Bus capabilities allowing you to multi drop up to 24 RoomSTATs on one I/O Bus.

RoomSTAT 3X IOB models offer combinations of setpoint adjust, temperature sensing and LED override indication, LCD display of time and LCD display.

RoomSTAT 3X IOB Series (I/O BUS ROOM SENSORS)

APPLICATIONS

- room temperature sensing
- setpoint adjust
- LED override indication
- connect to any SAC

FEATURES

- I/O Bus allows up to 24 RoomSTATs to be connected to any single SAC

CONNECTIVITY

- 2 wire terminal for I/O Bus

SENSOR

- 3K thermistor
- $\pm 0.2^{\circ}\text{C}$ accuracy ($\pm 0.36^{\circ}\text{F}$ accuracy)

COMMUNICATION PROTOCOL

- Walker ASCII Protocol

CABLE

- 18 AWG twisted shielded pair
- I/O Bus
- Maximum length 1000 feet

Roomstat 3X IOB Series

TECHNICAL SPECIFICATIONS

COMMUNICATION PORTS

TYPE	QTY	USAGE	CONNECTORS
I/O Bus	1	Walker ASCII Protocol I/O Bus	2 pin WECO*

ELECTRICAL / MECHANICAL

MODULE	CASE SIZE	I/O BUS LOADING
All RoomSTAT 3X IOB	72 x 115 x 24 mm	1 unit of load

25.4mm = 1.0 inches

CABLE

TYPE	CONDUCTOR	MAXIMUM LENGTH
I/O Bus	18 AWG shielded twisted pair	1000 feet

ENVIRONMENTAL

OPERATING TEMPERATURE	STORAGE TEMPERATURE	RELATIVE HUMIDITY
0°C to 50°C (32°F to 122°F)	-35°C to 66°C (-31°F to 151°F)	0 to 95% RH, non-condensing

OPTIONS

OPTION	TEMP SENSING	SETPOINT	OVERRIDE	FUNCTION BUTTONS	LCD DISPLAY	TIME DISPLAY
RoomSTAT30-IOB	✓					
RoomSTAT31-IOB	✓	✓				
RoomSTAT32-IOB	✓	✓	✓			
RoomSTAT34-IOB	✓	✓	✓	✓ (2)		✓
RoomSTAT35-IOB	✓	✓	✓	✓ (3)	✓	✓
RoomSTAT36-IOB	✓		✓			