

STR800



WALL MODULES

The STR800 Series of wall modules are for public facilities such as office buildings, hotels, hospitals, schools and shopping malls. Their pleasant appearance and well-designed interface make them suitable for any contemporary building. The STR800 Series is very easy to install and operate.

The various models in the STR800 series function with the TAC I/A Series controller families.

Users can choose between a basic sensor, or one that has setpoint adjustment, an override button or both by selecting from the various models. Select models are equipped with an ASD jack that allows users to connect to the ASD bus for PSI/XPSI programming.

SPECIFICATIONS

Ambient Conditions

Storage Temperature	-20°C to 70°C (-4°F to 158°F)
Operating Temperature	0°C to 50°C (32°F to 122°F)
Humidity	max. 90% non-condensing relative humidity

Mechanical

Enclosure Material	ABS Plastic
Enclosure Rating	IP20/NEMA1
Flammability Rating	UL 94 V-0
Dimensions	see Fig. 1
Weight	85g (0.19 lb.)

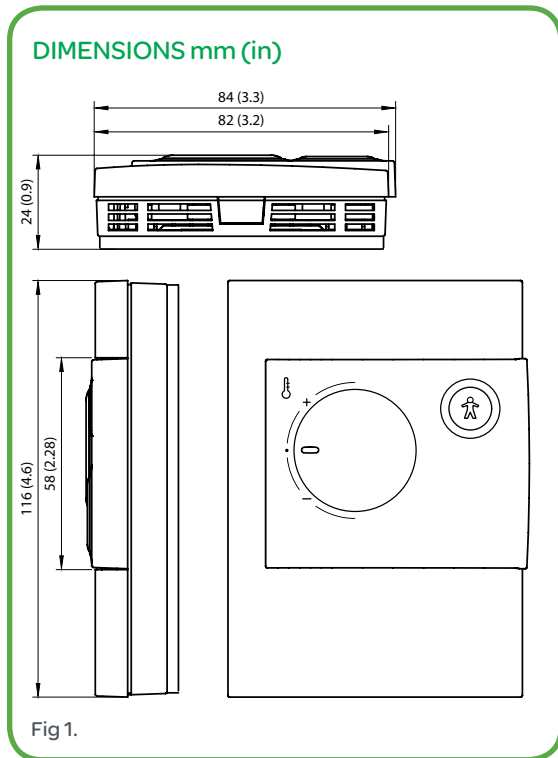
Agency Approvals

	CE Approved
	UL Listed

Sensor Data

Type

	10kΩ with 11kΩ shunt (STR80x)
	1kΩ Balco (STRBKx)
	1kΩ Platinum (STRPKx)



MODEL SELECTION

Part Number	Model Number	Description	Compare to
004607000	STR800	Room Temp Sensor	TSMN-57011-850
004607100	STR801	Room Temp Sensor W/Asd Jack	TSMN-90220-850
004607200	STR802F	Room Temp W/ °F Set Point Adj. & Asd Jack	-
004607210	STR802C	Room Temp W/ °C Set Point Adj. & Asd Jack	-
004607220	STR802WC	Room Temp W/ Warmer/Cooler Set Point Adj. & Asd Jack	-
004607300	STR803	Room Temp Sensor W/Bypass & Asd Jack	TSMN-90230-850
004607400	STR804F	Room Temp Sensor W/Bypass, °F Set Point Adj. & Asd Jack	TSMN-90250-850
004607410	STR804C	Room Temp Sensor W/Bypass, °C Set Point Adj. & Asd Jack	TSMN-90250-852
004607420	STR804WC	Room Temp Sensor W/Bypass, Warmer/Cooler Set Point Adj. & Asd Jack	-
004607500	STRBK0	Room Temp Sensor	TSMN-81011
004607510	STRPK0	Room Temp Sensor	TSMN-58011

SETPOINT ADJUSTMENT

Setpoint Adjustment, available on STR802x and STR804x models, allows the user to change the desired setpoint for the space. The setpoint adjustment is done by manually moving the wheel to the desired location.

OVERRIDE BUTTON

An override button provides the user, upon entering the space, to change from standby (economy) mode when unoccupied, to a comfort mode. When the override time expires, the symbol returns to its previous status, provided that the feedback mode is connected. Otherwise, the symbol returns after a period of two hours.

WIRING

The STR800 range use 2-x wires for installation. The wiring is easily accessible because of the plug-in concept.

CABLES

Twisted pair, unshielded. Min. cross-sectional area: 0.7mm² (AWG-19). Max. distance: 30m (100 ft).

MOUNTING

The units can be mounted directly onto the wall or fitted onto a wide variety of back boxes. The plug-in concept makes wiring quick and easy.

MAINTENANCE

No maintenance is required for the wall module. If necessary, the wall module may be cleaned with a soft cloth.

