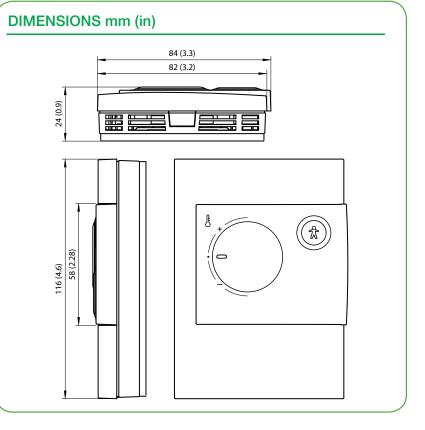# STR200-STR202

Wall Modules

The STR is a series of wall modules optimized 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. They are both easy to operate and install.

The STR200 and STR202 are equipped with a 3-pole stereo-jack to allow connection to the M/STAT unit. The STR200 replaces the TTS100WJ while the STR202 replaces the S/STAT. The STR200-202 can be used with the 7728, MRs, and Xenta 102-AX controllers.

The STR200 is equipped with a temperature sensor, while the STR202 also features a bypass button and a setpoint offset wheel.

SPECIFICATIONS

Ambient Conditions

Storage temperature. . . . .–20 °C to +70 °C
(–4 °F to +158 °F)

Operation temperature . . . .±0 °C to +50 °C
(+32 °F to +122 °F)

Humidity. . . . . max. 90%
non-condensing relative humidity

Mechanical

Enclosure material . . . . .ABS/PC
Enclosure rating . . . . .IP 20/NEMA 1
Dimensions. . . . . see Fig. 1
Weight . . . . .85 g (0.19 lb.)

Agency Compliances

Emission

CE . . . . .EN 61000-6-3
C-tick . . . . C-Tick N1831
FCC . . . . FCC Part 15, Subpart B, Class B

Immunity

CE . . . . .EN 61000-6-1

Safety

CE . . . . EN 61010-1
UL . . . . C-UL, UL 916 Listed

Flammability

UL . . . . UL 94 V-0

Sensor Data

Type . . . . 10 kΩ thermistor
Accuracy . . . . .at 15–30 °C
(59–86 °F), ±0.30 °C (0.54 °F)

Part Numbers

STR200 004603000
STR200-W (White) 004603010
STR202 004603200

DIMENSIONS mm (in)

84 (3.3)
82 (3.2)
24 (0.9)
116 (4.6)
58 (2.28)

Schneider Electric

FUNCTIONS

Fig. 2 shows an STR202. The STR200 may have less functionality.

Mode Indicator

A green LED is used on the STR202 to indicate the mode in accordance with the following:

- Comfort mode (On) is indicated by a steady green light.
- Economy mode (Standby) is indicated by a flashing green light.
- Unoccupied mode is indicated by the LED being off.

Bypass Button

A bypass button is provided on the model STR202 to change from standby (economy) or unoccupied mode to comfort mode. When entering comfort mode, the symbol on the display shows a steady light. When the bypass time expires, the symbol returns to its previous status again, provided that the feedback mode is connected. Otherwise the symbol returns to the Off status after two hours.

Setpoint Offset Wheel

A setpoint offset wheel is provided on model STR202 for adjusting the temperature setpoint offset.

The adjustment range is configured in the connected controller.

The adjustment range may be set to the following limits:

- ±1 °C (±1.8 °F)
- ±2 °C (±3.6 °F)
- ±3 °C (±5.4 °F)
- ±4 °C (±7.2 °F)
- ±5 °C (±9.0 °F)

Increase/decrease limits are separately adjustable.

Wiring

The STR200 uses a three-wire installation. The wiring is easily accessible thanks to the plug-in concept.

The STR202 requires 1 or 2 more conductors depending on which controller is used.

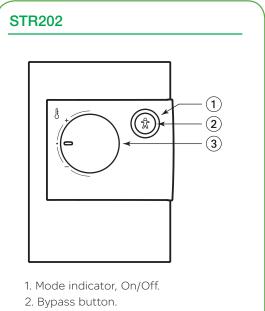| Model	Temp. Sensor	Mode Indicator	Setpoint Offset Wheel	Bypass Button
STR200	X	–	–	–
STR202	X	X	X	X

Cables

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

STR202

1. Mode indicator, On/Off.
2. Bypass button.
3. Setpoint offset wheel.

Figure 2