



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 easy to operate and install.

STR wall modules are designed to be mounted directly on the wall or onto a variety of back-boxes/J-Boxes. The plug-in concept makes wiring quick and easy.

The STR250 replaces the I/STAT LCD with regard to major functionality such as indoor and outdoor temperature indication, setpoint adjustment, bypass mode and fan speed commands.

The STR250 can be used with the 7728, MRs, and Xenta 102-AX controllers.

TECHNICAL DATA

Ambient conditions:

Storage -20 to +80 °C (-4 to 176 °F) max 90% RH
 Operation 0 to +50 °C (32 to 122 °F) max 90% RH

Mechanical

Enclosure rating IP20 / NEMA1
 Enclosure material PC/ABS plastic
 Weight 85 g (0.19 lb)

Dimensions:

Please refer to figure overleaf

Standards:

EMC EN 50081-1, EN 50082-1
 FCC part 15 class B
 Safety Standard UL 916 (pending)
 Flammability rating UL 94V-0

Wiring

Cable type Twisted pair, shielded
 Maximum capacitance, conductor-conductor 30pF
 Maximum capacitance, conductor-shield 55pF
 Cable size Min 0.25 mm² (24 AWG)
 Distance Max 30 m (100 ft)

Temp range/resolution Controller-dependent
 Temperature accuracy 0.6 °C (1 °F)
 Sensor element 10kΩ Thermistor
Data communication
 Serial Proprietary STR250 - Controller
Power Requirements
 +12V DC supplied from controller
Part number:
 STR250 0-046-0330

CONFIGURATION

All local configuration steps for the controller are carried out using an M/STAT module plugged into the core panel of the STR250.

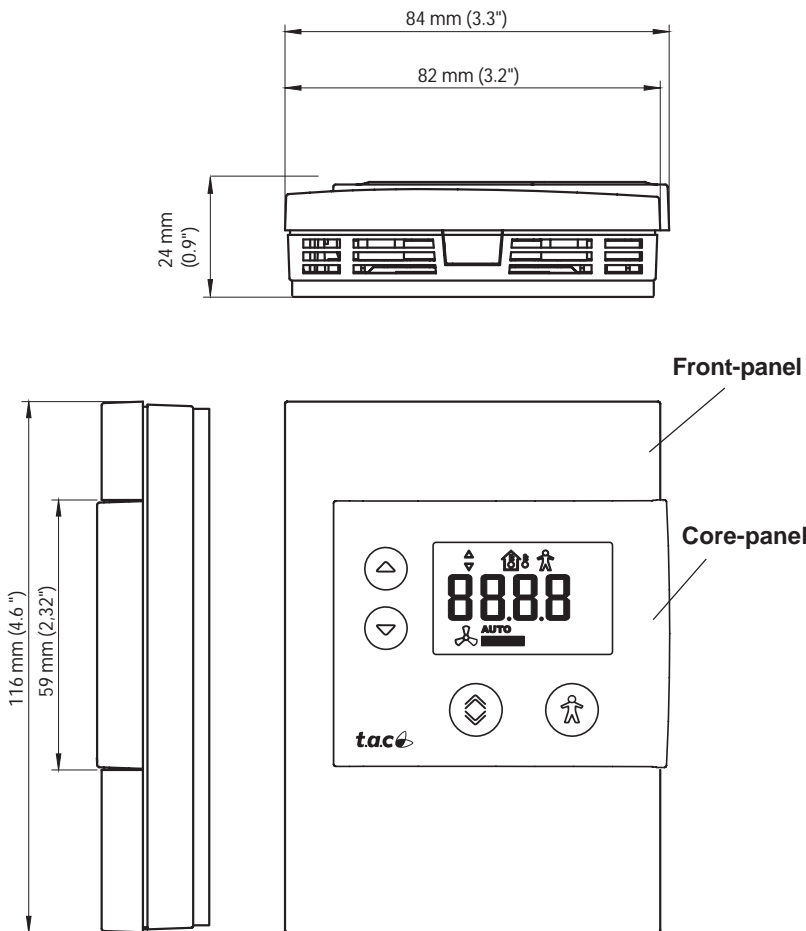
MOUNTING

The STR250 can be mounted directly onto the wall or fitted onto a wide variety of back-boxes/J-boxes.

WIRING

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

DIMENSIONS



USER INTERFACE



Bypass Button

The Bypass button is used to force the controller into occupied mode for a predefined duration.



Select Button

The Select button is used to step through the menu.



Increase Button

The Increase button is used to increase values, when available.



Decrease Button

The Decrease button is used to decrease values, when available.

Controller-Dependant

The functions of the STR250 are controller- dependent. All local configuration is carried out using an M/STAT module.

Adjusting the Room Temperature

Use the Select button to step through the menu until the Up and Down arrows are displayed. In this mode, change the temperature setpoint using the Increase/Decrease buttons.

Monitoring the Temperature

Use the Select button to step through the menu until the symbols for indoor or outdoor temperature are displayed.

Indoor Temperature



Outdoor Temperature



Adjusting the Fan Speed

Use the Select button to step through the menu until the fan symbol is displayed. If the fan is controllable, use the Increase/Decrease buttons.



Fan Auto



Fan Off



Fan Speed 1



Fan Speed 2



Fan Speed 3

MAINTENANCE

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

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