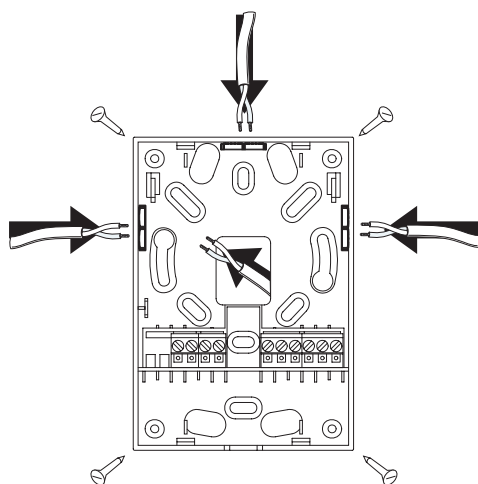


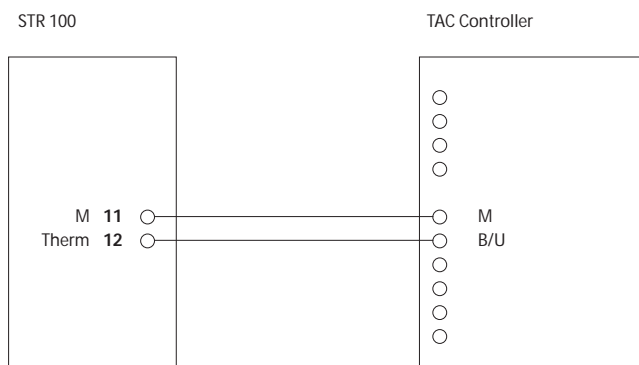
## MOUNTING, CABLES



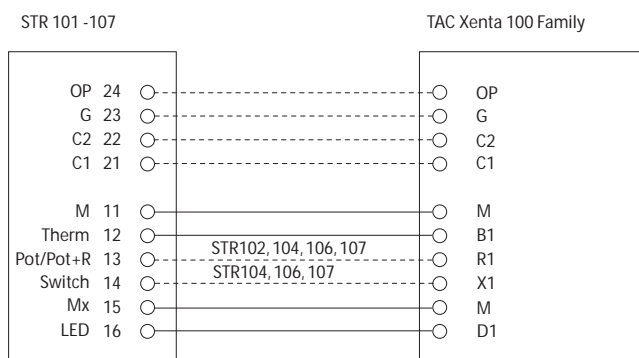
To avoid base-plate deformation, be careful when tightening the mounting screws. Note that the enclosed screws are mainly intended for the US and Australian markets.

## CONNECTING

### Connecting STR100 to a TAC Generic Controller

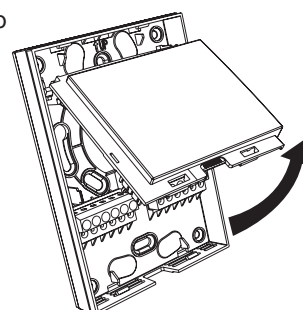


### Connecting STR101-107 to a TAC Xenta 100 Controller



## REMOVING THE CORE

The core panel is attached to the base-plate using two hinges. Remove the core panel by pushing the bottom of the core panel upwards, then unhinging the core panel from the base-plate.



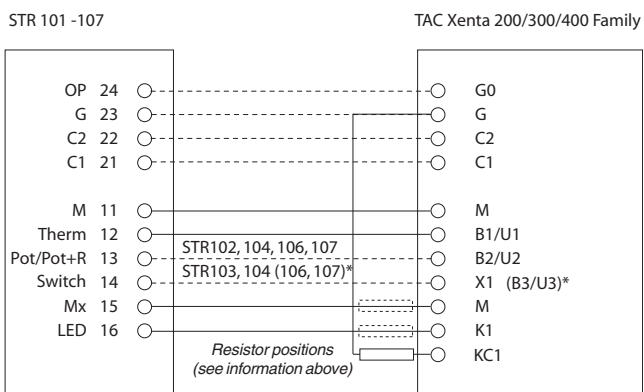
## CONNECTING TO XENTA 200/300/400

Use an analog output set to 5V when connecting STR101-107 to the TAC Xenta 200/300/400 series of controllers.

Alternatively, use a digital output. If 24VAC is used, the temperature readings in the wall module will display an incorrect value when the LED is activated. There are two ways to correct this:

1. Make a -0.5 °C adjustment in the Menta application when the LED drive is active.
2. Add a 5 kΩ resistance (4.7 - 5,1 kΩ) ¼W in one of three possible positions (see drawing):  
Between G and KC1  
Between K1 and LED 16  
Between Mx 15 and M.

The resistor must be placed outside the STR.



\*STR103, 104: Connect to digital input, X or U.  
STR106, 107: Connect to thermistor input (1.8k) B or U.

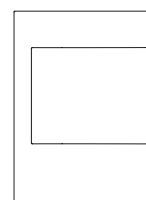
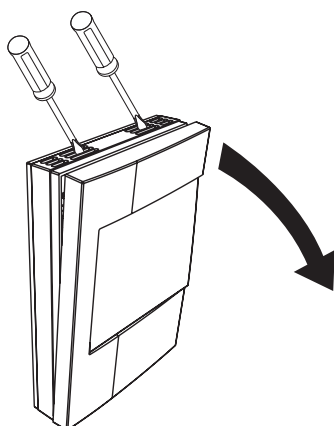
## WIRING

Cable type ..... Twisted pair, unshielded  
Cable size ..... Min 0.7 mm<sup>2</sup> (19 AWG)  
Distance ..... Max 30 m (100 Ft)

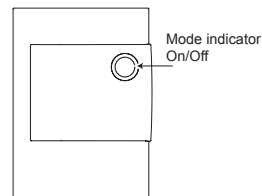
## ATTACHING/REMOVING THE FRONT

The front is attached to the base-plate using four clamps, two at the top of the front panel and two at the bottom.

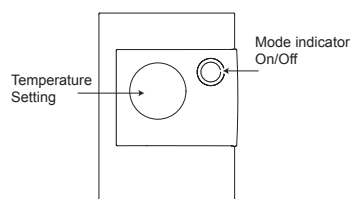
When removing the front-panel use a screwdriver (or similar) and push gently to unhook the clamps at the top and bottom of the front panel.



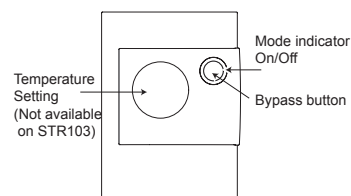
STR100



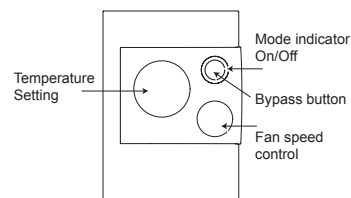
STR101



STR102

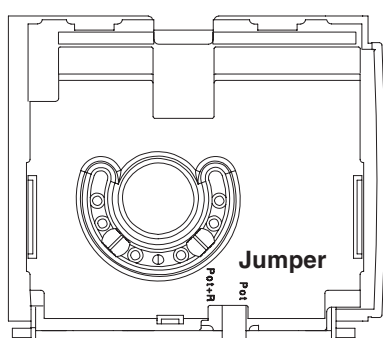


STR103/STR104

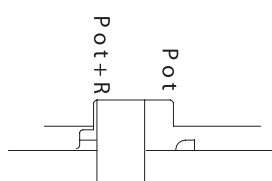


STR106/STR107

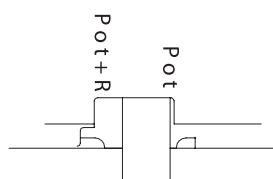
## JUMPER POSITION



Rear view of core.



**TAC Xenta 200, 300 and 400 series**  
Position of jumper when a TAC Xenta 200, 300 or 400 controller is used.



**TAC Xenta 100 series**  
Position of toggle when a TAC Xenta 100 controller is used.

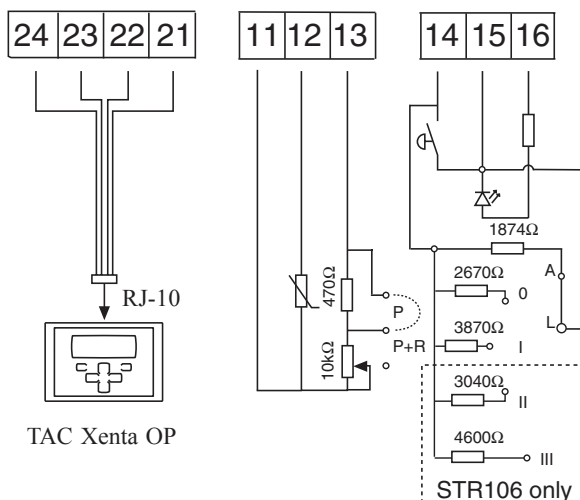
## TEMPERATURE WHEEL

The temperature is controlled using the temperature setting wheel. The adjustment range on the temperature wheel may be set to the following limits:

- $\pm 1^{\circ}\text{C}$  ( $\pm 1.8^{\circ}\text{F}$ )
- $\pm 2^{\circ}\text{C}$  ( $\pm 3.6^{\circ}\text{F}$ )
- $\pm 3^{\circ}\text{C}$  ( $\pm 5.4^{\circ}\text{F}$ )
- $\pm 4^{\circ}\text{C}$  ( $\pm 7.2^{\circ}\text{F}$ )
- $\pm 5^{\circ}\text{C}$  ( $\pm 9^{\circ}\text{F}$ )

The adjust spacing is done using plastic keys on the back of the core.

STR106/107



TAC Xenta OP

Trademarks and registered trademarks are the property of their respective owners.  
TAC Vista®, TAC Menta®, TAC Xenta® and Talking Buildings® are registered trademarks of TAC AB. LonMark® and LonWork® are registered trademarks of the Echelon Corporation.  
Windows® is a registered trademark of Microsoft.