Space Thermostats

Features

- Tamperproof option
- Bi-metallic switch mechanism for reliability

Specification

Operating voltage	220/240Vac @ 50/60Hz
Switching differential	<1°K
Switching current	250Vac 10(2)A SPDT; 3(1)A SPDT
Sensor system	Bimetal
Housing material	ABS V0

Heating stat specification
ST-TY92C1

Contact configuration	SPST open-on-rise
Temp. range	5°C to 35°C

Frost stat specification
ST-TY92C1F

Contact configuration	SPST open-on-rise
Temp. range	-5°C to +15°C
Switching current	250Vac @ 10(2) A

Heating OR Cooling stat specification
ST-TY92C3T & ST-TY92C3

Contact configuration	SPDT
Temp. range	35°C to 5°C
Switching current	250Vac @ 3(1)A

Operating temperature	50°C Max.
Storage temperature	-30 to +70°C
Dimensions:	
ST-TY90C3T	78 x 78 x 36mm max.
Others	82 x 82 x 32mm max.
Weights:	
ST-TY90C3T	0.12kg
Others	0.22kg
Protection	IP20
Country of origin	Italy

Product Codes

ST-TY92C1
Space thermostat heating 5 to 35°C

ST-TY92C1F
Space thermostat cooling -5 to 15°C

ST-TY92C3
Space thermostat heating or cooling 5 to 35°C

ST-TY92C3T
Tamperproof space thermostat heating or cooling, 5 to 35°C.

Installation (ST-TY92C1)

1. The ST-TY92C1 should only be installed by a competent, suitably trained technician, experienced in installation with hazardous voltages. (>50Vac & <1000Vac or >75Vdc & 1500Vdc)

2. Ensure all power is disconnected before carrying out any work.

3. Select a location in the occupied space where contaminants are at a minimum, and which will give a representative sample of the prevailing condition.

4. Remove the setpoint knob by turning the knob fully clockwise (35°), this will then allow you to inset a screwdriver in the fissure between the knob and top cover.

5. Remove the screw on the top cover, and then carefully depress the tabs on the side of the thermostat using a small screwdriver or similar tool, remove the front cover.

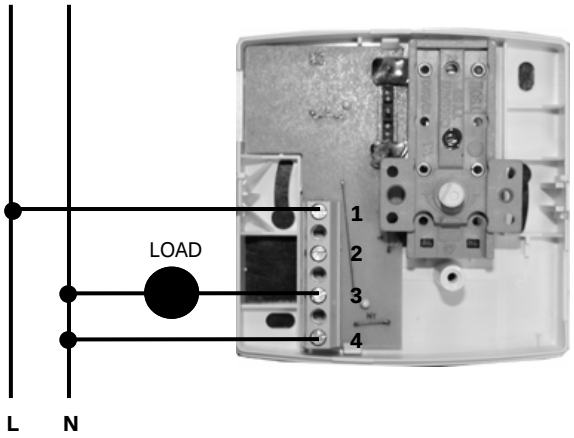
6. Using the base as a template mark the hole centres and fix to the wall with suitable screws, or fit to a single gang patress back box .

7. Feed cable through the knockout in the base of the housing and terminate the cores at the terminal block, leaving some slack inside the unit.

8. Replace the housing to the base plate and replace the screw and setpoint knob.

The ST-TY92C1 is fitted with an accelerating resistor, this must be powered to obtain the performance.
Terminal 4 must to be connected to the neutral according to the diagram shown.

Connections (ST-TY92C1)



PLEASE NOTE:
There are no internal user adjustable components, the cover should only be removed by a suitably qualified technician experienced in hazardous voltages.

Installation (ST-TY92C1F)

1. The ST-TY92C1F should only be installed by a competent, suitably trained technician, experienced in installation with hazardous voltages. (>50Vac & <1000Vac or >75Vdc & 1500Vdc)

2. Ensure that all power is disconnected before carrying out any work.

3. Select a location in the occupied space where contaminants are at a minimum, and which will give a representative sample of the prevailing condition.

4. Remove the setpoint knob by turning the knob fully clockwise, this will then allow you to inset a screwdriver in the fissure between the knob and top cover.

5. Carefully depress the tab on the side of the thermostat farthest from the knob using a small screwdriver or similar tool and remove the front cover.

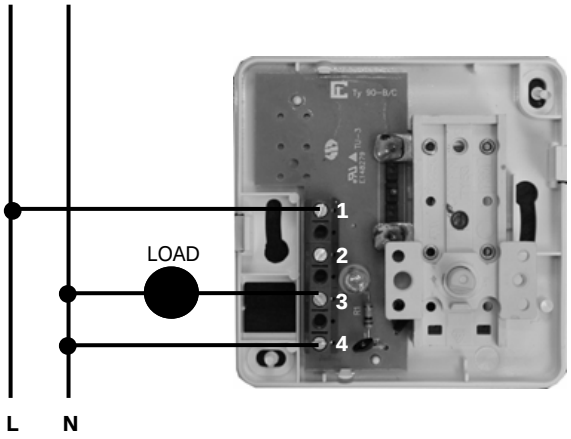
6. Using the base as a template mark the hole centres and fix to the wall with suitable screws.

7. Feed cable through the knockout in the base of the housing and terminate the cores at the terminal block leaving some slack inside the unit.

8. Replace the housing to the base plate and replace the setpoint knob.

The ST-TY92C1F is fitted with an accelerating resistor, this must be powered to obtain the performance.
Terminal 4 must to be connected to the neutral according to the diagram shown.

Connections (ST-TY92C1F)



PLEASE NOTE:
There are no internal user adjustable components, the cover should only be removed by a suitably qualified technician experienced in hazardous voltages.

Installation (ST-TY92C3)

1. The ST-TY92C3 should only be installed by a competent, suitably trained technician, experienced in installation with hazardous voltages. (>50Vac & <1000Vac or >75Vdc & 1500Vdc)

2. Ensure that all power is disconnected before carrying out any work.

3. Select a location in the occupied space where contaminants are at a minimum, and which will give a representative sample of the prevailing condition.

4. Remove the setpoint knob by turning the knob fully clockwise (35°), this will then allow you to inset a screwdriver in the fissure between the knob and top cover.

5. Remove the screw on the top cover, and then carefully depress the tabs on the side of the thermostat using a small screwdriver or similar tool and remove the front cover.

6. Using the base as a template mark the hole centres and fix to the wall with suitable screws, or fit to a single gang patress back box.

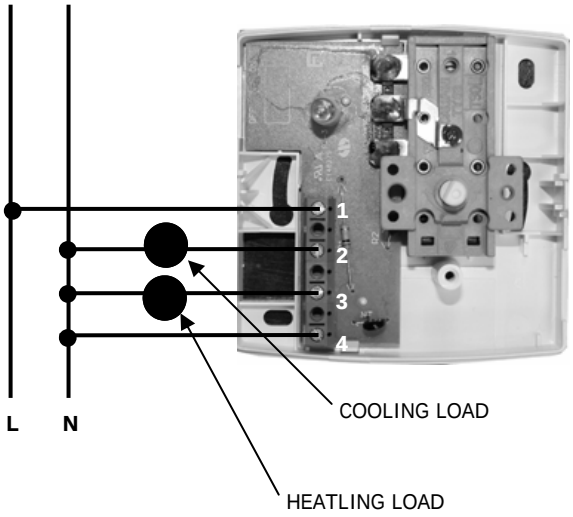
7. Feed cable through the knockout in the base of the housing and terminate the cores at the terminal block, leaving some slack inside the unit.

8. Replace the housing to the base plate and replace the screw and setpoint knob.

9. When in operation, the pilot lamp will indicate operation.

The ST-TY92C3 is fitted with an accelerating resistor, this must be powered to obtain the performance.
Terminal 4 must to be connected to the neutral according to the diagram shown.

Connections , (ST-TY92C3)



PLEASE NOTE:

There are no internal user adjustable components, the cover should only be removed by a suitably qualified technician experienced in hazardous voltages.

Installation (ST-TY92C3T)

1. The ST-TY92C3T should only be installed by a competent, suitably trained technician, experienced in installation with hazardous voltages. (>50Vac & <1000Vac or >75Vdc & 1500Vdc)

2. Ensure that all power is disconnected before carrying out any work.

3. Select a location in the occupied space where contaminants are at a minimum, and which will give a representative sample of the prevailing condition.

4. Carefully depress the tabs on the side of the thermostat using a small screwdriver or similar tool and remove the front cover.

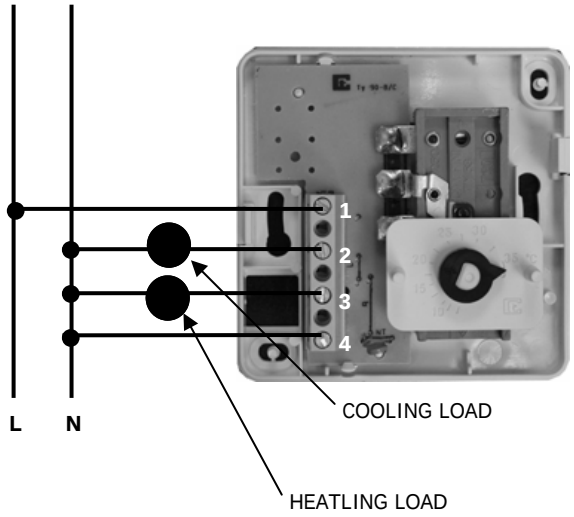
5. Using the base as a template mark the hole centres and fix to the wall with suitable screws.

6. Feed cable through the knockout in the base of the housing and terminate the cores at the terminal block leaving some slack inside the unit.

7. Replace the housing to the base plate.

The ST-TY92C1F is fitted with an accelerating resistor, this must be powered to obtain the performance.
Terminal 4 must to be connected to the neutral according to the diagram shown.

Connections , (ST-TY92C3T)



PLEASE NOTE:
There are no internal user adjustable components, the cover should only be removed by a suitably qualified technician experienced in hazardous voltages.