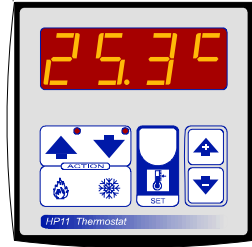


## HP11

SL 4.0  
Single-level thermostat

### Handbook

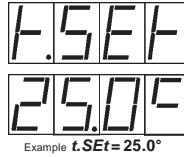


#### MAIN SETTINGS (Run Mode).



#### TEMPERATURE SETTING.

Press **SET** (key lamp flashes):  
This message will be displayed instead of the °Set 1 temperature value.  
Press + or - to modify. Press **SET** to confirm.



#### VIEWING TEMPERATURE RECORDING



Press & hold + will be displayed followed by °Maximum Temperature Recording.  
Press & hold - will be displayed followed by °Minimum Temperature Recording.

Values recorded are permanently stored in the memory. To clear memory push + key for more than 3 seconds. **CLEA** message will be displayed before clearing operation.

#### COST PROGRAMMING (System constants)



These settings refer to the mode operation of the system and must be made on initial start-up: press **-/+** together for at least one second: the message **C.O.S.t** will be displayed.  
Press **SET** repeatedly until desired variable's message is displayed (see table below): variable value and related message will be displayed.  
Press + or - to set a new value and then **SET** to confirm.  
The next system constant will then appear.  
You can press **SET** for a least two seconds to escape and return to the *Run Mode*

Mess.	Value	Meaning	Note
diFF	0.2°	° differential	*1
tEnP	=1	Temperature representation (=1 °C, =2 °F)	*2
Ad.tE	0°	° Input temperature sensor correction (+ or -)	*3
rY.OC	=1	Relay status if sensor Open Circuit (O.C)	*4
rY.SC	=0	Relay status if sensor Short Circuit (S.C)	*4

\*1) For more details see *Operating Diagrams*.

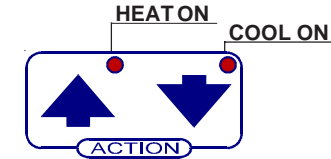
\*2) tEnP=1 : °C Temperature range.  
tEnP=2 : °F Temperature range.

\*3) Sensor reading can be adjusted by pressing the + or - keys

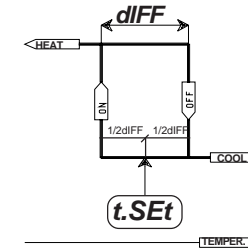
\*4) =0 Relay De-Energised, =1 Relay Energised.

#### STATE INDICATION LAMPS

The lights situated at the bottom of the display show the state of the relay



#### OPERATING DIAGRAM



#### INSTALLATION

##### How to connect the line

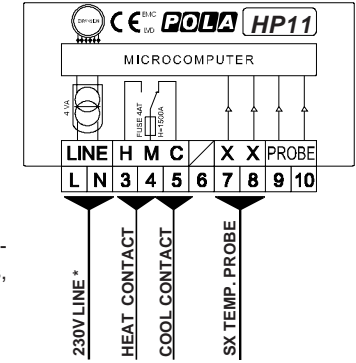
Connect 230V line on terminals L-N.  
Protect supply with adequate fuse.

##### How to connect the contacts

Connect terminals on the terminal block (contacts up to 4AMP.AC1) to the loads as shown in the diagram.

##### How to connect the sensors

Connect the sensors provided as shown in the diagram.  
For remote connections use a standard 0.5-square millimetre two-pole wire for each sensor, taking great care over the connections, by insulating and sealing the joins carefully.



\* Other power voltage if required

#### TROUBLE SHOOTING

-O.C.- is displayed when the temperature sensor wiring is open circuited.

-S.C.- is displayed when the temperature sensor wiring is short circuited.

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