



36x72



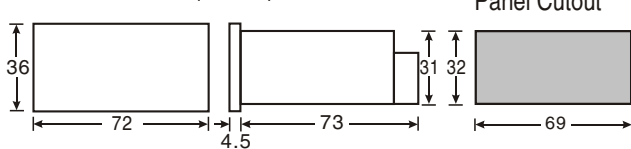
**FEATURES**

- Compact Size
- Indication in °C & °F selectable
- High indication accuracy: ± 0.25%
- PTC sensor (for high accuracy) provided with the unit
- High Alarm/ Set point maximum
- Low Alarm/ Set point minimum
- Alarm enable/ disable
- Restart time delay
- Set value lock/ unlock
- Time based defrost management
- Selectable Hysteresis
- Programmable display offset
- Selectable relay action (Heat / Cool)
- Universal supply voltage : 85 to 270 VAC/DC
- Configuration lock
- Optional against order  
24 VAC/DC supply  
12 VDC output to drive SSR  
30 Amp current rating External Relay
- Compliance: CE

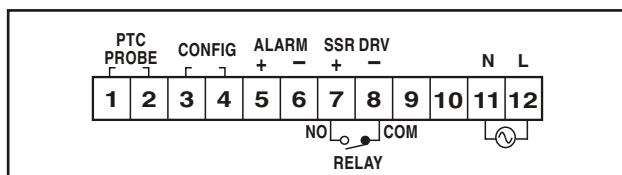
**PRODUCT CODE**

BEZEL SIZE(mm)	MODELS
36 X 72	CH402

**DIMENSIONS (in mm)**



**TERMINAL CONNECTION**



**SPECIFICATIONS**

**SENSOR**

Sensor type	Temperature range (°C)	Resolution (°C)
PTC probe	-50 to + 99	1

**SUPPLY**

85 to 270 VAC/ DC

**VOLTAGE**

(AC@ 50 or 60 Hz, 2.75 VA)  
Optional 24 VAC/ DC

**DISPLAY**

2 digits : 0.5", Bright Red LED's.

**CONTROL**

ON/ OFF with programmable

**ACTION**

hysteresis

**SET POINTS**

Main, High Alarm, Low Alarm

**ACCURACY**

± 0.25% (full scale)

**SETTING**

Via keys on front panel

**RELAY**

Heat mode

**ACTION**

Cool mode

**SENSOR**

PP indicated on display, relay off

**BREAK**

for probe Open / Over-range / Under range

**ALARM**

High Alarm: display alternates

**INDICATIONS**

between 'HA' / 'PV' value for 1sec

Low Alarm: display alternates

between 'LA' / 'PV' value for 1sec

**OUTPUT**

For main set point

SPST, 5A @ 230 VAC

For Alarm - SSR drive 12 V @ 10mA

**TEMPERATURE**

Operating: 0-50°C

Storage: -20 to 75°C

**HUMIDITY**

95% RH

**HOUSING**

Flame retardant engineering plastic

**WEIGHT**

200 grams

**TSP03**

**PTC PROBE**

Accessory for use with CH402



MODEL	Temperature range (°C)	Nominal Resistance	Temperature Coefficient
PTC probe	-50 to + 99	1000 ohms @ 25°C	8 ohms / °C