



36 x 72



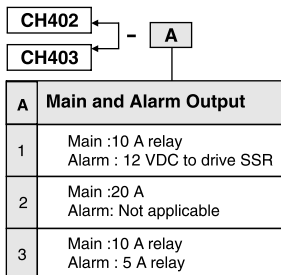
36 x 72



FEATURES

- Compact Size.
- Indication in °C & °F selectable.
- High indication accuracy: ± 0.25%.
- Sensor (NTC factory set).
- Programmable High and Low alarm.
- Restart time delay.
- Setpoint lock
- Time based defrost management.
- Selectable Hysteresis.
- Programmable display offset.
- Selectable relay action (Heat / Cool).
- Universal supply voltage : 85 to 270 VAC/DC.
Optional 24VAC / DC models available(Consult factory).

ORDERING CODE -

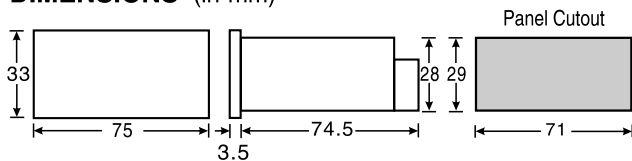


NOTE : For 24VAC/DC models add suffix '- 24'

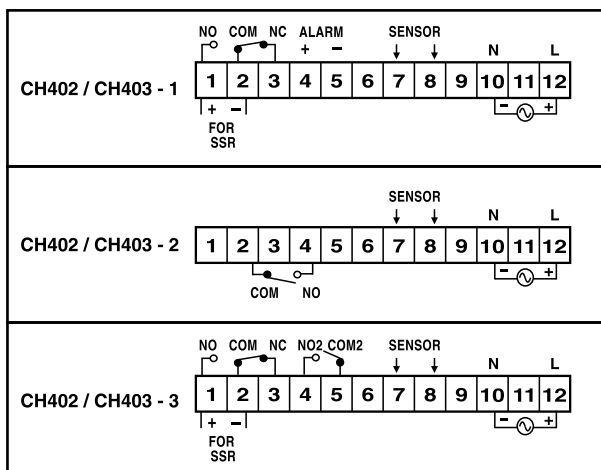
ORDERING EXAMPLE



DIMENSIONS (in mm)



TERMINAL CONNECTION



SPECIFICATIONS

SENSOR

SENSOR TYPE	PRODUCT
NTC probe TSN04	CH402 / CH403

SUPPLY VOLTAGE

85 to 270 VAC/ DC.
(AC @ 50 or 60 Hz, 2.75 VA)
Optional 24 VAC/ DC (Consult factory).

DISPLAY

CH403: 3 digits, 0.5", Red LED's.
CH402: 2 digits, 0.5", Red LED's.

CONTROL ACTION

ON/ OFF with programmable hysteresis.

SET POINTS

Main, High Alarm, Low Alarm.

ACCURACY

± 0.25% (full scale).

SETTING

Via keys on front panel.

RELAY ACTION

Heat mode.
Cool mode.

SENSOR BREAK

PP indicated on display, relay off for probe Open / Over-range / Under range.

ALARM INDICATIONS

High Alarm: display alternates between 'HA' / 'PV' value for 1sec.
Low Alarm: display alternates between 'LA' / 'PV' value for 1sec.

OUTPUT

For main set point: SPST, 10A @230 VAC. SSR drive available on request.
20A relay models available.
For Alarm: 12VDC @ 10mA.
5A relay models available on request.

TEMPERATURE

Operating: 0 to 50°C,
Storage: -5 to 50°C.

HUMIDITY

95% RH.

WEIGHT

110 grams

PROBE

Accessory for use with CH402 / 403



MODEL	Sensor type	Temperature range (°C)	Nominal Resistance
TSP04	NTC probe	-50 to +99	10 K ohms @ 25°C