

# 2RE - 4RE - 4OP - 4OPP

9.1 SETPOINTS

TWO SPDT

FOUR SPST

FOUR NPN

FOUR PNP

## DESCRIPTION

An option of 2 or 4 SETPOINTS, programmable within the full display range, can be incorporated to the unit thus providing alarm and control capabilities by means of individual LED indicators and relay or transistor outputs.

The option consists of a plug-in additional card that once installed in the meter's main board, activates its own programming module.

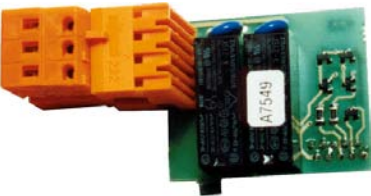
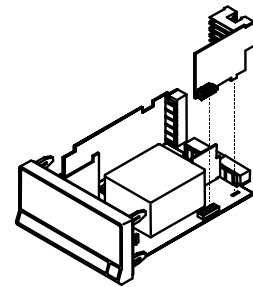
All the setpoints provide independently programmable values, time delay (in seconds), asymmetrical or symmetrical latch (in counts of display) and selectable HI/LO acting. The setpoints are also configurable to activate independently (each one activates at its corresponding programmed value) or tracking one another.

## INSTALLING THE CARD

The setpoint option is supplied independently with its own instructions manual and wiring accessories. The option must be installed in the M5 location. It may be convenient to solder the card to the main board making use of the copper tracks on both sides of the card pin and around the main board hole on its solder side.

## INSTALLING THE CARD

Refer to the manual of each model: JUNIOR, MICRA, ALPHA, BETA, GAMMA or KAPPA

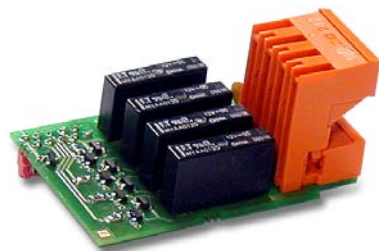
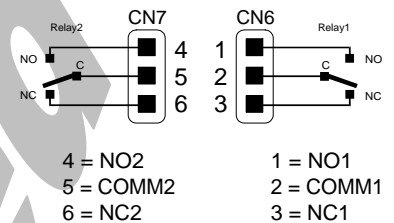


### 2RE RELAY OPTION

- Max current (resistive load)..... 8A
- Max power .....2000VA/192W
- Max voltage ..... 250VAC/150VDC
- Contact resistance .....Max. 3mΩ
- Output response time ..... Max. 10ms

ORDERING REFERENCE  
2 SPDT RELAYS 8A..... **2RE**

### 2RE - CONNECTION

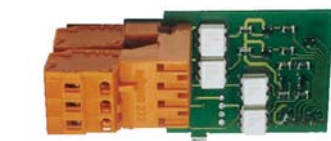
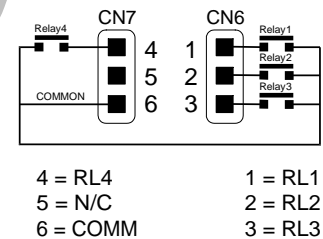


### 4RE RELAY OPTION

- Max current (resistive load)..... 5A
- Max power .....1250 VA/ 150 W
- Max voltage ..... 277 V AC/ 125 V DC
- Contact resistance.....max. 30 mΩ
- Output response time .....max. 10 ms

ORDERING REFERENCE  
4 SPST RELAYS 5 A ..... **4RE**

### 4RE - CONNECTION

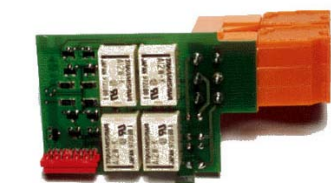
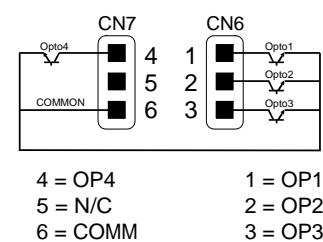


### 4OP TRANSISTOR OPTION

- Max current (resistive load).... 50mA
- Max voltage .....50VDC
- Leakage current ..... Max. 100μA
- Output response time ..... Max. 1ms

ORDERING REFERENCE  
4 NPN opto-coupled outputs ..... **4OP**

### 4OP - CONNECTION



### 4OPP TRANSISTOR OPTION

- Max current (resistive load).... 50mA
- Max voltage .....50VDC
- Leakage current ..... Max. 100μA
- Output response time .....Max. 1ms

ORDERING REFERENCE  
4 PNP opto-coupled outputs..... **4OPP**

### 4OPP - CONNECTION

