HEVAC
Control Agencies

ORM4V

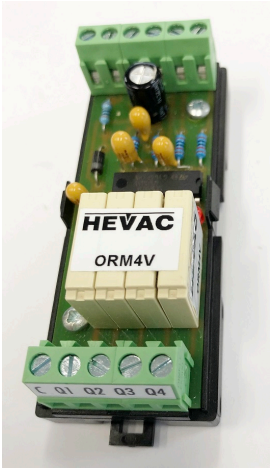
DC SIGNAL CONTROLLED RELAY INTERFACE MODULE

ANALOGUE TO DIGITAL CONVERTER

- Australian Designed & Manufactured.
- 4 ~ 12vdc Input trigger range.
- 4 Independent inputs.
- Relay Energised Status Led
- Potential free common supply to the 4 relays N/O contacts
- 2 module Standard Din module Enclosure.

Typically used as a low cost method of converting spare BMS or PLC analogue 0-10vDC output signals into N/O relay digital outputs. The source DC output signal would be programmed to change state from at least below 3vDC & above 4vdc to cause a relay to operate (typically this would be 0-10v signals changing state from 0 to 10v).

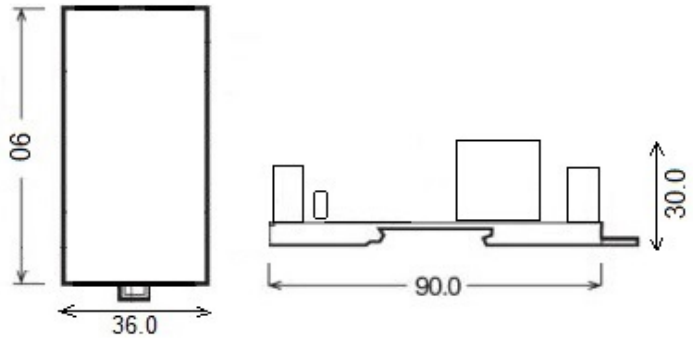
TECHNICAL SPECIFICATION



RED LEDS ILLUMINATED INDICATES INPUT VOLTAGE ABOVE TRIGGER LEVEL (4VDC) AND RELATIVE RELAY ENERGISED.

Power Supply	12-24V AC / DC Active on terminal "H" Neutral on terminal "G"
Indication	4 x 3mm RED led (1 per input) On = Illuminated
I / O Terminals	Y1 Controls output Q1 Y2 Controls output Q2 Y3 Controls output Q3 Y4 Controls output Q4
Output Terminals	Q1-Q4 N/O Contacts sharing common supply terminal "C" Relay contacts rated @ <30v @ 1 Amp Resistive 0.3 Amp Inductive

DIMENSIONS



ELECTRICAL CONNECTIONS EXAMPLE