

PV-2062

8 Channel Output Relay Card



PV-2062 Rev 1.1 Board

Description:

PV-2062 boards have eight electromechanical relays controlled by digital output signals from PLC, Microcontrollers or DAQ devices. These relays switch many loads that require more power than is available in PLC or DAQ digital output lines. Each PV-2062 has screw terminals connected to eight sets of SPDT relay contacts. These contacts can handle 5 A at 30 VDC or 250 Vrms. When the digital output line from the PLC or DAQ board is in the low (0) state, the contact labeled NC (normally closed) is connected inside the relay to the contact labeled COM (common). When the digital output line is in the high (1) state, the NO (normally open) contact is connected to the COM contact.

Features:

1. 8 electromechanical relays output
2. Relay output current: 5A 30VDC or 250VAC
3. Digital Input voltage Range: 3→5.5V DC
4. Onboard High Current relay driver ULN2803 to amplify and drive relays' coils
5. Onboard switch to use external 5V Connected to J9 or internal 5V coming from J10 26 pin
6. Board protected by 2 x 500mA fuse to protect VCC and Ground
7. Simple field connections with screw terminals
8. This product complies with IEC-1010 for Voltage Installation Category II Pollution Degree 2
9. Board dimensions (including standoffs) 125 by 132mm

Note: Power consumption when 8 relays are ON (≈ 400mA)

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