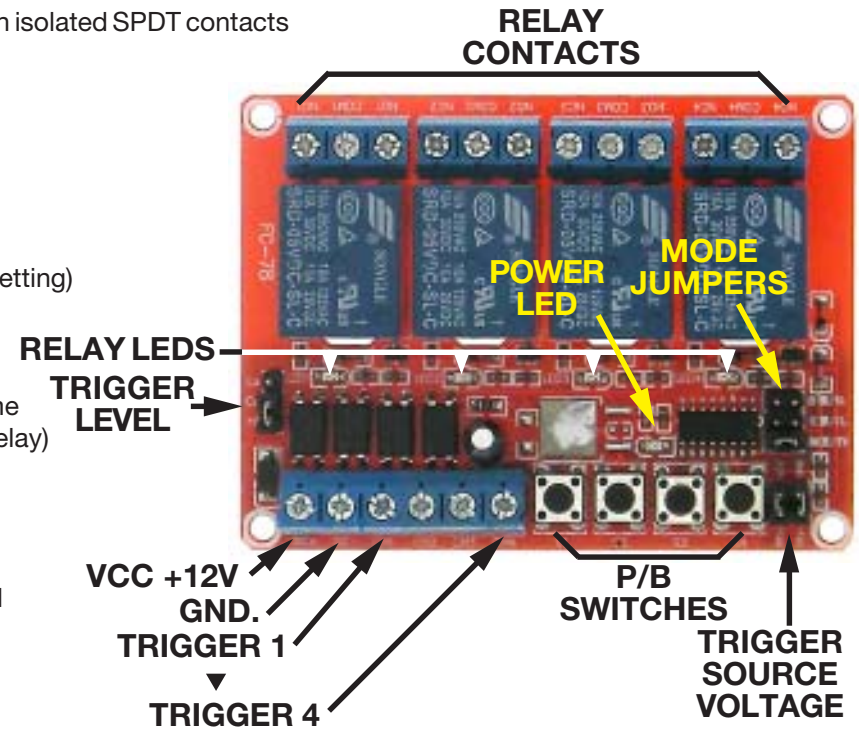
35072-MP

12V QUAD SPDT MULTIFUNCTION RELAY MODULE

Microprocessor controlled Quad Relay Module with isolated SPDT contacts
Opto-Isolated signal Inputs
Dual Trigger methods: On-board P/B switches
or Terminal Strip Inputs
Power: 12VDC (See Below)
Trigger Levels: Low: <2.5V High > 3.5V
Jumper select Internal/external trigger supply
Jumper select HI/LOW Trigger
(On board P/B Switches only operate in the "LO" setting)
3 Jumper programmable modes:
1: Latching: Stays on until next signal
2: Trigger: Stays on as long as a signal present
3: Interlocked: relays cannot be on at the same time
(Next triggered relay releases previous energized relay)
RELAY:
Coil: 12VDC
Contacts: SPDT
Rated: 10A @ 250VAC/30VDC
Terminal Strips for Relay contacts, Power & control
0.1" Pitch headers for selections
L: 3" **W:** 2-1/4" **HT:** 3/4" **WT:** .2



TRIGGER LEVEL: 3 pin Header
"LO" Gnd. on CH inputs activates P/B Switches Active
"HI" Vcc (5V) on CH inputs Activates P/B Switches Inactive

MODE: 6 pin Header (2x3)
SL (Latching): Alternate action of Trigger input causes alternate action of relay
TR (Jog) Relay active as long as Trigger input is present
IL (Interlock) Relays are not active at same time
(Next triggered relay releases previous energized relay)
If Relay 1 is on, Triggering Relay 2 will Deactivate Relay 1
If Relay 3 is on, Triggering Relay 1 will then Deactivate Relay 3 etc.

TRV PINS: 4 pin Header (2x2)
CAREFUL HERE
These jumpers control the Voltage Source for the Optocouplers inputs
Jumpers ON (TRV--GND & TRV+--Vcc) Trigger Levels operate from the 5VDC/Gnd from Terminal Strip.
You can use an External Trigger Supply by Removing the TRV+ jumper AND connecting an External source between Gnd. & the TRV+ header pin.
For 12V you need an external 1-6K resistor For 24VDC you need an 15-22K resistor

MARLIN P. JONES & ASSOC., INC.
P.O. Box 530400 Lake Park, Fl 33403
800-652-6733 FAX 561-844-8764
WWW.MPJA.COM