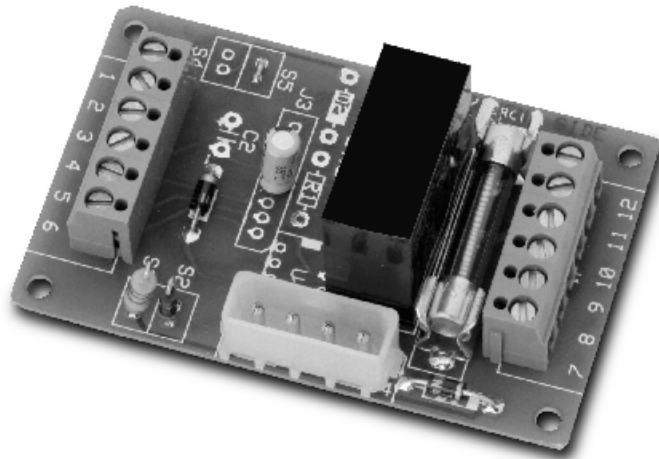
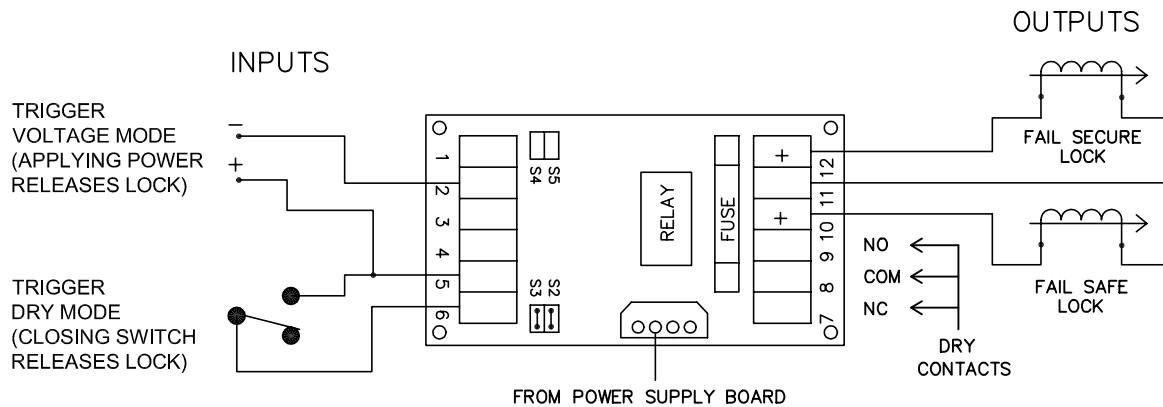


# CR - CONTROL RELAY MODULE



## OPERATION:

The optional CR module operates on 12V or 24VDC. It accepts an input voltage trigger, Normally Off, 12V to 24VAC or DC - (Terminals 2 & 5) or Dry Normally Closed/Open trigger inputs, Terminals 5 & 6. The CR module provides one (1) fused SPDT voltage output, (Terminals 10, 11 & 12) and one (1) Dry SPDT auxiliary Form "C" relay contact, (Terminals 7, 8 & 9) (5 Amp Max.). Applying an input voltage trigger, (Terminals 2 & 5), or closing a switch across the dry trigger input, (Terminals 5 & 6) will release the output for the amount of time that the trigger input is held closed. The CR module can be used to indicate status or implement multiple door interlocks. The output current can not exceed the power supply rating of 1.5 Amps Maximum.



## CONTACT DESCRIPTIONS

TERM	DEFINITION
1	NOT USED
2	VOLTAGE INPUT TRIGGER NEGATIVE
3	NOT USED
4	NOT USED
5	VOLTAGE INPUT TRIGGER POSITIVE OR DRY TRIGGER - NC / NO
6	DRY TRIGGER COMMON
7	NORMALLY CLOSED
8	COMMON
9	NORMALLY OPEN
10	FAIL SAFE OUTPUT (NORMALLY CLOSED) POSITIVE
11	OUTPUT (COMMON) NEGATIVE
12	FAIL SECURE OUTPUT (NORMALLY OPEN) POSITIVE

} DRY FORM "C" RELAY CONTACTS

## C.R. CONTROL RELAY MODULE

1. SELECT VOLTAGE OR DRY TRIGGER INPUT.
2. VOLTAGE TRIGGER INPUT MUST BE SAME AS OUTPUT VOLTAGE, AC OR DC
3. N.O. TRIGGER INPUTS SHOWN. WHEN USING N.C. TRIGGER INPUTS, OUTPUTS ARE REVERSED.

### NOTE:

POSITION SHOWN ABOVE FOR TERMINALS 7, 9, 10, & 12 ARE WHEN THE DRY TRIGGER TERMINAL 5 USES A NORMALLY OPEN SWITCH, IF A NORMALLY CLOSED SWITCH IS USED ACROSS TERMINAL 5, THE RELAY OUTPUTS ARE REVERSED.