

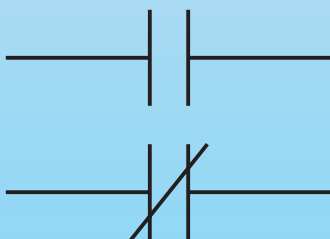


# Type 8542-1042

The dry contact output module allows switching of low power signals where signal integrity must be maintained, or where zero leakage current is required. They are used for controlling analog signals, multiplexing communication lines, machinery control, etc. The 8542-1042 is a 4- channel N.O. relay.

## FEATURES

- Four channel per module packaging
- Convenient pluggable wiring terminals
- Powered by a single 5 volt power supply
- 1,500 volt transient isolation
- Channel specific LEDs
- ¾ Amp per channel outputs
- Operating temperature 0° to 70°C
- UL, CSA and CE approved



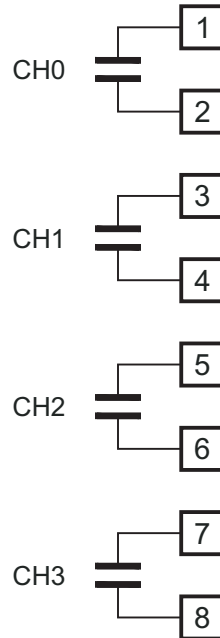
## DIGITAL DRY CONTACT OUTPUT MODULE

4-CHANNEL N.O. RELAY SNAP-ODC5R



**PRIME MOVER CONTROLS INC.**

## FIELD WIRING FOR 8542-1042 DRY CONTACT OUTPUT MODULE



### SPECIFICATIONS:

#### Field side ratings (each channel):

- Line Voltage - Range: 0-100 VDC, 0-130 VAC
  - Current rating 0°C to 70°C ambient: 0.5 Amps switching
  - Surge current: 1.5 Amps carry
  - Minimum load: 0 mA
  - Output voltage drop: 0 Volts
  - Off state leakage: 0 mA
- Peak blocking voltage: 100 VDC / 130 VAC

#### Logic side ratings:

- Pickup voltage: 4V @ 5.5mA
- Dropout voltage: 1VDC
- Control resistance: 220
- Logic supply voltage: 5VDC  $\pm$ 0.25VDC
- Logic supply current: 50mA maximum

#### Module ratings:

- Number of channels per module: 4
- Turn on time: 500 sec
- Turn off time: 500 sec
- Optical isolation: 1,500 volts
- Operating temperature: 0°C to 70°C
- Storage temperature -30°C to 85°C
- Vibration: frequency range 2-100 Hz  
Velocity amplitude 100mm/sec below 13.2 Hz  
Acceleration amplitude 0.7g above 13.2 Hz
- Dimensions:  
82.55mm L  $\times$  18.29mm W  $\times$  90.17mm H  
(3.25" L  $\times$  0.72" W  $\times$  3.55" H)
- Weight 78 g (2.73 oz)



PROD\_REF8542\_PLC/CIC\_BULLTN11042/SB\_MNRR00.CDR

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