



DIGITAL DC OUTPUT MODULE - SOURCING

4-CHANNEL 5-60VDC SNAP-ODC5SRC

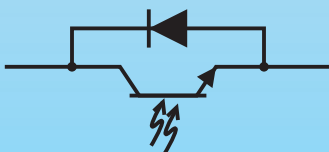
Type 8542-1041

Digital output modules are used for controlling switching DC loads such as relays, solenoids, motor starters, lamps, etc.

Each module provides up to 4,000 Vrms of optical isolation between the field devices and control logic.

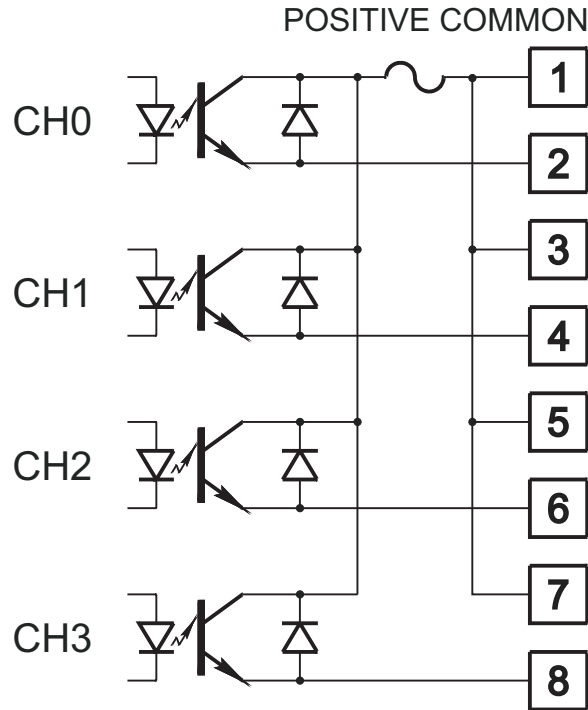
FEATURES

- Four channel per module packaging
- Convenient pluggable wiring terminals
- Powered by a single 5 volt power supply
- 4,000 volt transient isolation
- Channel specific LEDs
- ¾ Amp per channel outputs
- Convenient standard fuse for outputs
- Operating temperature 0° to 70°C
- UL, CSA and CE approved



PRIME MOVER CONTROLS INC.

FIELD WIRING FOR 8542-1041 DC OUTPUT MODULE



SPECIFICATIONS:

Field side ratings (each channel):

- Line Voltage - Range: 5-60 VDC
- Line Voltage - Nominal: 5-48 VDC
- Current rating 0°C to 70°C ambient:
3 Amps per module, ¾ Amps per channel
- Surge current: 5 Amps peak for 1 second
- Minimum load: 20 mA
- Output voltage drop: 1.6 V max @ 0.75 Amps
- Off state leakage: 1 mA @ 60 VDC
- Peak blocking voltage: 60 VDC
- Fuse (common to all channels): 250 VAC - 4A
5x20mm fast acting BEL 5HF4

Logic side ratings:

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

Module ratings:

- Number of channels per module: 4
- Turn on time: 500 sec
- Turn off time: 100 sec
- Optical isolation: 4,000 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 × 18.29mm W × 90.17mm H
(3.25" L × 0.72" W × 3.55" H)
- Weight 95 g (3.33 oz)



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3600 GILMORE WAY, BURNABY B.C. CANADA V5G 4R8
TEL (604) 433-4644 FAX (604) 433-5570 email: info@pmc-controls.com

