

# CD-2

## High Speed Coil Driver



### FEATURES:

- ◆ Inputs optically isolated
- ◆ Open and close solenoids in 1-5 MS
- ◆ Reduced coil wattage and heat dissipation
- ◆ Two independent drivers in one package
- ◆ Toggle selection for pattern, off, or test
- ◆ L.E.D. indicators for input and output indication
- ◆ Optional 130VA Isolation transformer



The HAECO CD-2 is a two-channel solenoid driver designed for rapid electric valve operation. It was developed to obtain maximum opening and closing speeds while allowing the minimum holding energy, for cool operation of high-powered coils, relays and valves. Each channel is independently triggered, and can drive multiple solenoids, depending on the coil characteristics.

The CD-2 will drive DC solenoids up to 120 operations per second continuously, or 160

operations per second in burst mode. The driver can achieve 2 ms ON/2 ms OFF actuation times. Each channel can be retriggered in as little as 4 milliseconds. The CD-2 can hold solenoids continuously ON with minimal heating.



Also available in a combination box with other HAECO controls.

### SPECIFICATIONS:

#### PHYSICAL:

- Enclosure: NEMA/EEMAC Type 12 (Mounting bracket kit included to meet UL/CSA external mounting requirements)
- Dimensions: 9.84"H x 7.87"W x 5.91"D (250 x 200 x 150)
- Mounting: 10.32"H x 5.31"W - 1/4-20 (292 x 135) - M6

#### PERFORMANCE:

- Max. cycle rate/sec.: 120 continuous, 160 short burst
- Retrigger time: 4 ms
- ON timing: 2 ms
- OFF timing: 2 ms
- Operating Temperature: 32-140°F (0-60°C)
- Storage Temperature: -22-158°F (-30-70°C)

#### ELECTRICAL:

- Trigger Input: 12-28 Vdc, 4-25 mA (Mechanical contact switching not recommended)
- Outputs:
  - up to 1200 W per channel, continuous
  - up to 5000 W peak pull-in power
- Power Requirements: 50/60 Hz; 90-260 Vac w 130 Va with iso transformer optional

#### ORDERING SPECIFICATIONS:

- With or without keyed lock (additional)
- For NEMA 4 rating specify solid door
- With or without isolation transformer (additional)

**WARRANTY:** 1 year limited

[www.haeco.us](http://www.haeco.us)

6504 Snider Road • Loveland, Ohio 45140 • 800-852-3522 • Fax: 513-722-1032