

CCS-3 OPEN FRAME SHUTTER DRIVER SPECIFICATIONS

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UNIBLITZ®
BY VINCENT ASSOCIATES®

Vincent Associates 803 Linden Avenue, Rochester, NY 14625
web www.uniblitz.com e-mail vincentassociates@uniblitz.com toll-free 800.828.6972

FEATURES

- Innovative drive circuitry utilizes constant current control of most UNIBLITZ® shutters (see Note 1) at +12VDC.
- Smallest UNIBLITZ shutter driver.
- Open frame printed circuit card suitable for OEM applications. (See Figure 1)
- Power input: +12VDC at 1 A - user provided.
- .025 inch square post connections.
- Mating 2-pin and 7-pin IDC connectors supplied.
- Exposure determined by external pulse source.
- Size (HWD) 0.9 x 1.8 x 2.4 inches (22.6 x 44.5 x 61.0 mm)
- Weight 0.64 oz. (0.02 Kg.)

The CCS-3 is a self contained shutter driver utilizing constant current control at +12VDC to operate Vincent UNIBLITZ shutters.

The unit operates from a +12VDC external power supply (not included). The CCS-3 can be easily integrated into OEM applications which have this supply voltage available. The unit includes an active-high trigger input.

For applications where space is at a premium, the CCS-3 offers the smallest package available for a UNIBLITZ shutter driver.

Supplying a TTL (5V) logic level to the trigger input or connecting an external switch between the trigger input and the +6 VDC output (JMP1 installed) is all that is required to control the CCS-3.

OPTIONS

710P - (7-pin female to 7-wire pigtail). For connection between the shutter and the CCS-3 shutter driver. Pigtail end can be fitted with 2-pin IDC connector, contact factory for details.

P1 Connections:

(Six .025 square posts on .100 centers)

- #1 - +12VDC Power Supply input
- #2 - Power Ground
- #3 - No Connection
- #4 - Signal Ground
- #5 - No Connection *(see note 4)
- #6 - Trigger Input, active-high

P3 Connections:

(Two .025 square posts on .100 centers)

- #1 - Shutter - RED (A)
- #2 - Shutter - BLK (B)

Notes:

1. Use with VS14 or smaller aperture shutters only. (VS14 shutter will require installation of the "D" stop selection).
2. Heat sink (as indicated in FIGURE 1) required for proper operation. (Can also be metal bulkhead or chassis where unit is to be mounted).
3. Insulators (TO-126 type) required to insulate active components from heat sink or chassis.
4. +6.0 VDC output with JMP1 installed (P1 pin 5 connected to P2 pin 1).
5. Wire colors denote 710P cable.
6. Shutter used with CCS-3 will require installation of the 12 ohm actuator coil (for LS series shutters, 12 ohm coil is denoted with "H" designation at end of model number).

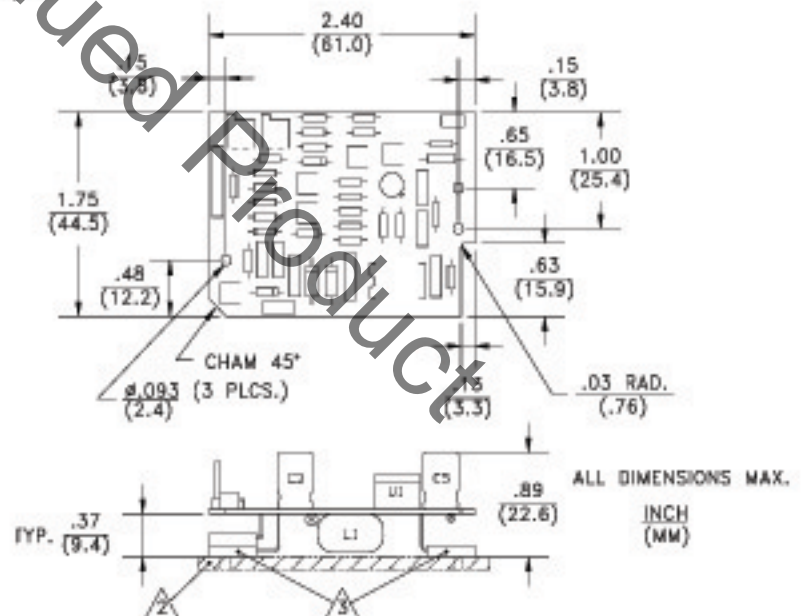


Figure 1