## Safety and Warning Information

When in operation, do not look directly into the transmit optical port or use magnification or focusing equipment to view optical output.

IEC 60825-1, Class 1 LED Product
FDA 21 CFR 1040.10 & 1040.11

CAUTION: Use of controls and/or adjustments or the performance of procedures other than those specified herein may result in hazardous radiation exposure.


Further technical information can be obtained by contacting Weed Instrument Co., Inc., Fiber Optic Products Group.

Phone: 1.800.880.9333
512.434.2850

Fax: 512.434.2851

Email: fiberop@weedinstrument.com

Visit: www.weedinstrument.com





Weed Instrument Co., Inc.
Round Rock, Texas, USA

www.weedinstrument.com



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Weed Instrument
Fiber Optics

# FOT-CC-1300
## Contact Closure Transmit Module

**Installation Instructions**


Compatible with:

**FOR-CC-1300**
**Contact Closure Module**

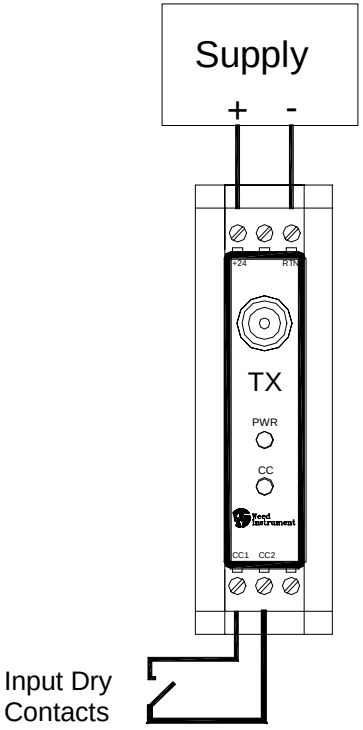
## Connections

Power to the unit is supplied from a nominal 24Vdc supply capable of delivering 50mA operating current. Screw terminal connections are at the top-front of the module and are labeled as follows:

| | |
|---|---|
| +24 | Positive of the 24Vdc Supply |
| (blank) | (no connection to middle terminal) |
| RTN | Return (Negative), either Supply |

The input to the unit is designed to accept a set of dry contacts as found in a relay or switch. The input screw terminal connections are made at the bottom-front of the module and are labeled as follows:

| | |
|---|---|
| CC1 | Contact closure connection 1 |
| CC2 | Contact closure connection 2 |
| (blank) | (no connection to right terminal) |




Input Dry Contacts

Connection Diagram

## DIN Rail Mounting

**Installation on DIN rail:**
Place the top lip of the module's DIN rail mounting channel onto the DIN rail. Push the lower portion of the module towards the mounting surface until it "snaps" into place.

**Removal from DIN rail:**
Insert a screwdriver into the rectangular hole in the mounting latch at the bottom-rear of the module. Pushing up on the screwdriver's handle causes the latch to move downward and disengages it from the DIN rail. Tilt the module up and lift it off of the DIN rail.

## Visible LED Indicators

PWR (Power):
Green - On with power connected

CC (Contacts Closed):
Green - On with input contacts closed

## Specifications

| | |
|---|---|
| Housing: | Phoenix Contact UEGM |
| Mounting: | Universal DIN Rail |
| Weight: | < 5 oz (140g) |
| Power Requirements: | 24Vdc ±20% @ 50mA |
| Signal Input: | Dry contacts, (10Σ max. resistance) |
| Input Potential: | Supply Voltage is present at the CC terminals, 15mA current with contacts closed |
| Screw Terminals: | Cage-Clamp Accept 12 to 24 AWG (0.5 to 2.5mm) |
| Fiber Optic Connection: | ST* Compatible |
| Fiber Core Size: | 62.5µm |
| Optical Wavelength: | 1300nm |
| Optical Dynamic Range: | 18dB, 62.5/125µm Fiber |
| Operating Range | |
| Temperature: | 0 to 70°C |
| Relative Humidity: | 0 to 95% (non-condensing) |
| Flammability: | UL 94V-0 |

* ST is a trademark of AT&T