

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.

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Important Notice - Before utilizing the product, the user should determine the suitability of the product for its intended use. The user assumes all risk and liability in connection with such use. WEED INSTRUMENT'S WRITTEN WARRANTY FOR THE PRODUCT IS MADE IN LIEU OF ALL OTHER WARRANTIES, EXPRESSED OR IMPLIED WARRANTIES OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE. The user's exclusive remedy for breach of Weed Instrument's written warranty shall be the repair or replacement of such quantity of product which is proven to be defective. In no case shall Weed Instrument be liable for any special, incidental, or consequential damages based upon breach of contract, negligence, strict liability or other legal theory.

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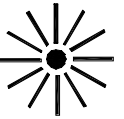
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Weed Instrument

Fiber Optics



FOT-CC

Contact Closure Transmit Module

Installation Instructions



Compatible with:

FOR-CC
Contact Closure Module

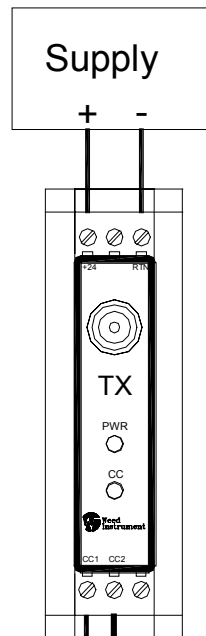
Connections

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)



Connection Diagram

Input Dry Contacts

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.

Specifications

Housing:	Phoenix Contact UEGM
Mounting:	Universal DIN Rail
Weight:	< 5 oz (140g)
Power Requirements:	24Vdc \pm 20% @ 50mA
Signal Input:	Dry contacts, (10 Ω 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:	50 to 200:μm
Optical Wavelength:	850nm
Optical Dynamic Range:	18dB, 62.5/125:μm Fiber 30dB, 200/230:μm Fiber
Operating Range	
Temperature:	0 to 70°C
Relative Humidity:	5 to 95% (non-condensing)
Flammability:	UL 94V-0

Visible LED Indicators

PWR (Power):	Green - On with power connected
CC (Contacts Closed):	Green - On with input contacts closed

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