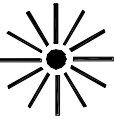

Weed Instrument
 Fiber Optics
 

FOR-CC-1300
 Contact Closure Receive Module

Installation Instructions



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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Compatible with:

FOT-CC-1300
Single or Multimode
Contact Closure Modules

Connections

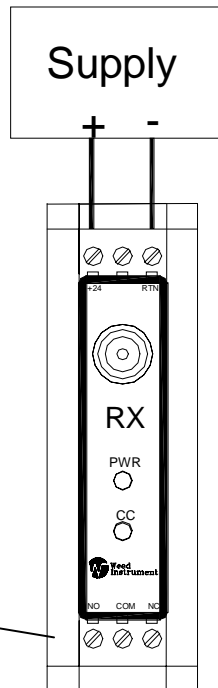
Power to the unit is supplied from a nominal 24Vdc supply capable of delivering 50mA operating current. Screw terminal connections are at the top-front of the module and are labeled as follows:

+24	Positive of the 24Vdc Supply
(middle)	(no connection)
RTN	Return (Negative), either Supply

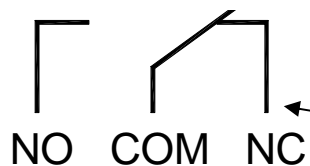
The output of the unit is a Form-C (SPDT) relay that energizes when the contacts are closed on the mating transmitter (FOT-CC). The output screw terminal connections are made at the bottom-front of the module and are labeled as follows:

NO	Normally Open (relay de-energized)
COM	Common
NC	Normally Closed (relay de-energized)

Connection Diagram



Internal Relay Connections



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 Output:	Dry relay contacts, Form-C (SPDT)
Relay Contact Ratings:	10A @ 125Vac, 6A @ 277Vac, 5A @ 30Vdc
Screw Terminals:	Cage-Clamp, Accept 12 to 24 AWG (0.5 to 2.5mm)
Fiber Optic Connection:	ST* Compatible
Fiber Core Size:	8 to 62.5 μ m, single or multimode
Optical Wavelength:	1300nm
Optical Dynamic Range:	18dB, 62.5/125 μ m Fiber 20dB or 30dB, 9/125 μ m Fiber (FOT-CC model dependant)
Operating Range	
Temperature:	0 to 70°C
Relative Humidity:	0 to 90% (non-condensing)
Flammability:	UL 94V-0

Visible LED Indicators

PWR (Power):	Green - On with power connected
CC (Contacts Closed):	Green - On when relay is energized