

Safety and Warning Information



Always replace fuse with the same type and rating. Littlefuse # 218.400, 400mA, slow-blow, 5 x 20mm.



Connect the DIN Rail via the End Clamp (Model 2A09) to Protective Earth ground with low impedance. The modules are grounded to PE when they are snapped onto the DIN Rail. The End Clamps accept wire sizes 12 to 24 AWG.



When used in Hazardous Locations:
Class I, Division 2, Groups A, B, C & D, T4.
Substitution of components may impair suitability for Class I, Division 2. Power, input and output (I/O) wiring must be in accordance with Class I, Division 2 wiring methods and in accordance with the authority having jurisdiction. Do not connect/disconnect equipment unless area is known to be non-hazardous and power is switched off. Certified components for use in a suitable enclosure. The maximum ambient temperature is 85°C.

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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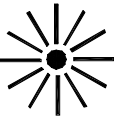
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Weed Instrument

Fiber Optics



2A08

EOTec 2000

Power Supply Module

Installation Instructions



Compatible with:

EOTec 2000 PLC/Fiber Modems

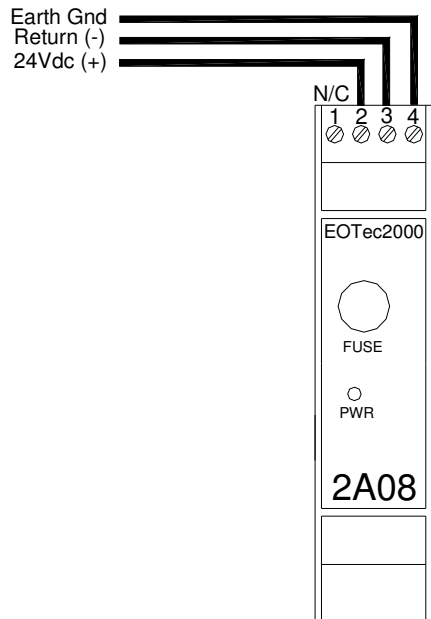
24Vdc Input

**Supplies 7.5Vdc @ 1.5A operating
power output to modem BUS
interconnections**

Connections

Connections between the Power Source and the Power Supply Module are made via the pluggable, screw terminal block located at the top-front of the module (terminals are numbered left to right).

| | |
|------------|--------------------------|
| Terminal 1 | no connection |
| Terminal 2 | 24Vdc (+) |
| Terminal 3 | 24Vdc (Return) |
| Terminal 4 | Protective Earth (GND) |



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 "clicks" and locks into place. Firmly slide the modules together such that the module sides are touching. This ensures a good connection of the integrated BUS interconnection at the rear of the modules. Install End Clamps (Model 2A09, two supplied) to both sides of the module bundle to prevent accidental unplugging of the BUS interconnections. The End Clamps also provide convenient screw terminals for connecting the DIN rail to Protective Earth (PE) ground.

Removal from DIN rail:

Remove the End Clamps from the module bundle. Disconnect the BUS interconnections by sliding the modules at least 1/2" apart from each other on the DIN rail. Insert a screwdriver into the rectangular hole in the metal mounting latch at the bottom 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.

LED Indicator

The green "PWR" LED indicator will illuminate whenever operating power is available to the other modules in the modem.

Specifications

| | |
|----------------------|---|
| Mounting: | 35mm DIN Rail |
| Weight: | < 9 oz (250g) |
| Input Power Range: | 15 to 30VDC @ 400mA |
| Output Power: | Regulated 9Vdc, 1.1A |
| Screw Terminals: | Pluggable, cage-clamp, screw terminal block accepts 12 to 24 AWG |
| Input Fuse: | 400mA, slow blow, 5 x 20mm Littlefuse # 218.400 Always replace fuse with the same type and rating |
| Operating Range | |
| Temperature: | -40 to 85 °C |
| Relative Humidity: | 0 to 95% (non-condensing) |
| Flammability: | UL 94V-0 |
| Hazardous Locations: | UL Listed, FM Approved Class I, Division 2, Groups A, B, C & D, T4 |