Safety and Warning Information

Hazardous Voltage:
Only Authorized Personnel may service this equipment.

Connect the DIN Rail via the End Clamp (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 will accept wire sizes from 12 to 24 AWG.

Do not connect this supply to EOTec 2000 Ethernet Modules 2C50, 2C51, 2E50, 2E51, 2F50 or 2R50. The above modules can be powered from the 2A50 Power Supply Module only.

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

2A06

EOTec 2000 Power Supply Module

Installation Instructions

Compatible with:

EOTec 2000 PLC/Fiber Modems

**90 to 250 VAC, 50/60 Hz;
120 to 250 VDC Input**

Supplies 7.5 VDC @ 1.1A operating power output to modem BUS Interconnections

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) 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.

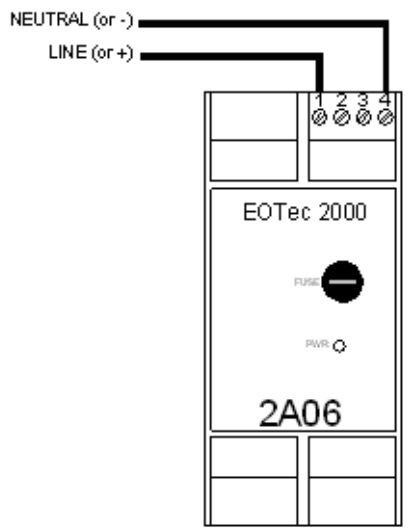
Connections

Power to the unit is supplied via connections at the top-front of the module. A pluggable, cage-clamp, screw terminal block is connected to the supply voltage as follows (terminals numbered from left to right):

Terminal 1	AC Line or DC (+)
Terminal 2	no connection
Terminal 3	no connection
Terminal 4	AC Neutral or DC (-)

Protective Earth (PE) ground is connected to the module via the DIN rail and the Model 2A09 End Clamps (two supplied). The End Clamps will accept wire sizes from 12 to 24 AWG.

Connections



LED Indicators

The green "PWR" LED indicator will illuminate whenever the 7.5Vdc BUS operating power is available to the other modules in the modem.

Specifications

Mounting:	35mm DIN Rail
Weight:	< 9 oz (250g)
Power Requirements:	90 to 250Vac, 50/60 Hz, 120 to 250Vdc, 400 mA
Output to Integrated BUS Interconnections:	7.5Vdc, 1.1A
Screw Terminals:	Pluggable, cage-clamp, screw terminal block Accept 12 to 24 AWG
Input Fuse:	250V, 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

c UL us