

D2 W MIO-3

Installation Guide

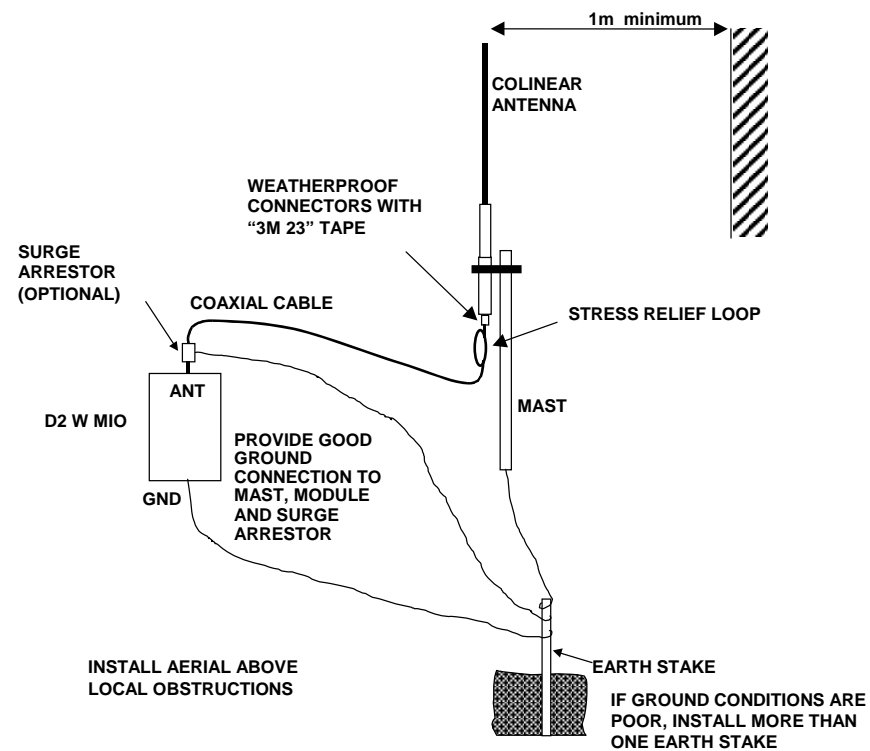
FCC Notice

This device complies with Part 15.247 of the FCC Rules. Operation is subject to the following two conditions:

- 1) This device may not cause harmful interference and
- 2) This device must accept any interference received, including interference that may cause undesired operation

THIS EQUIPMENT IS SUITABLE FOR USE IN CLASS 1 DIVISION 2 GROUPS ABC AND D OR NON HAZARDOUS LOCATIONS

Aerial Installation



ANTENNA INSTALLATION

Antennas should be installed by experienced contractors.

D2 W MIO-3 I/O Installation

- Power supply:
- (A) 12-24VAC 1.5 Amp CSA Certified Class 2
 - (B) 15-30VDC 1.5 Amp CSA Certified Class 2
 - (C) Supply battery or 11-15VDC
 - (D) Solar panel with solar battery

Choose option and wire as shown

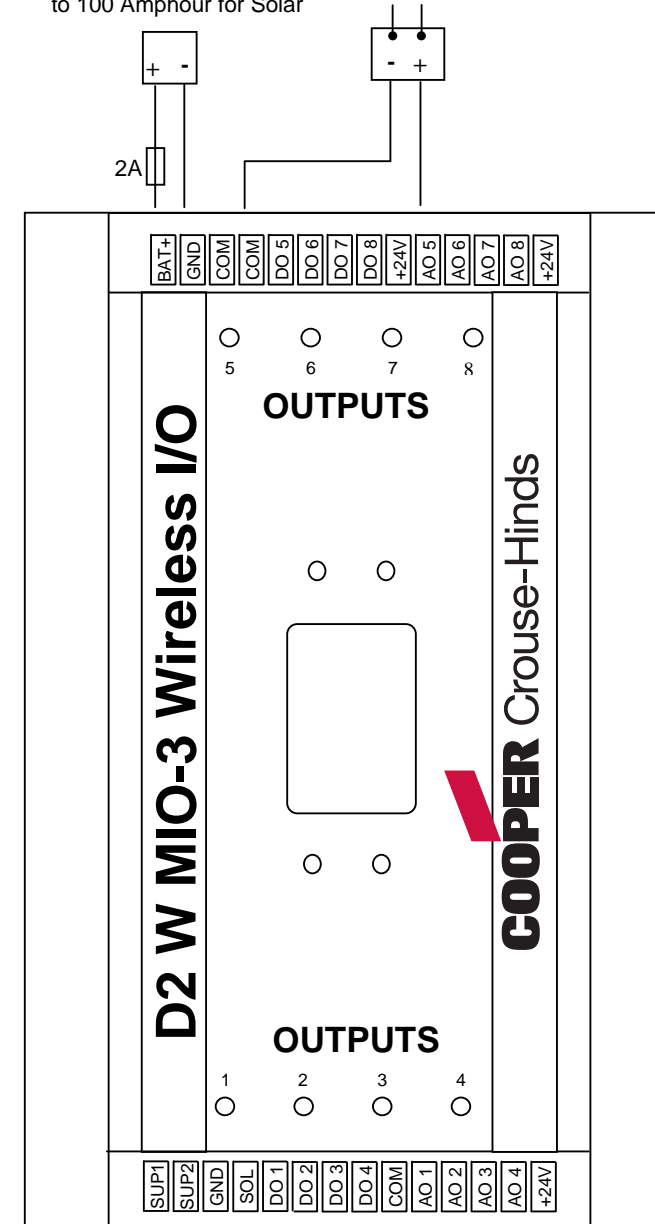
WARNING !

EXPLOSION HAZARD

DO NOT DISCONNECT WHILE CIRCUIT IS LIVE UNLESS AREA IS KNOWN TO BE NON HAZARDOUS

11-15VDC Supply or Optional 12V Backup Battery to 12 Amphour for AC/DC to 100 Amphour for Solar

Analog Output externally powered. Loop is earthed (not floating)

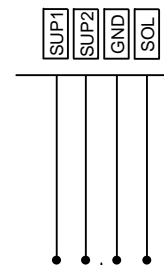


NOTES

1. All I/O must be SELV.

CAUTION!

For continued protection against risk of fire, replace the module fuse only with the same type and rating



AC Supply 12-24VAC min 15VAC for Battery Charging. Do not earth SUP1 or SUP2 connections

12V Solar Panel Supply max 20VDC max 30W panel

DC Supply 15-30VDC min 17VDC for Battery Charging

Digital Output max 30VDC 500mA DC Relay Supply

Analog Output Loop Powered. Loop is earthed (not floating)

To Earth Connection