

# 905U-2, 105S-2 Installation Guide

## FCC Notice

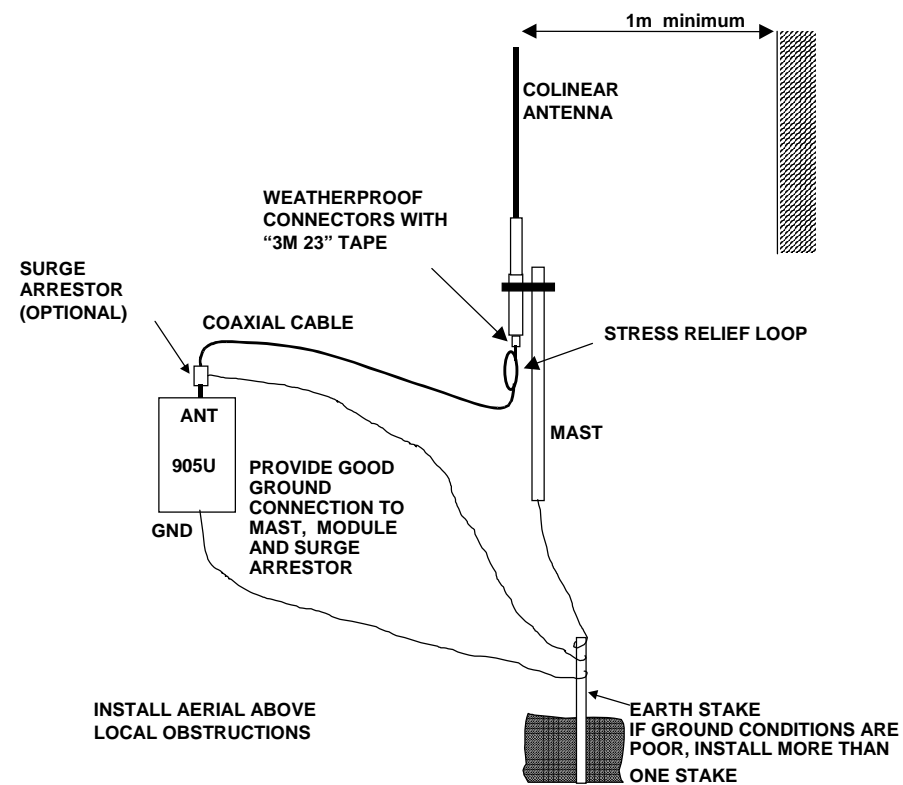
This device complies with Part 15.247 of the FCC Rules.

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 ONLY**

## Aerial Installation



INSTALL AERIAL ABOVE LOCAL OBSTRUCTIONS

### ANTENNA INSTALLATION

Antennas should be installed by experienced contractors.

## 905U-2, 105S-2 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

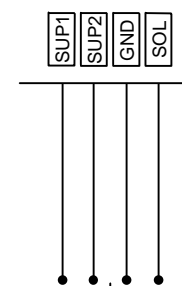
DO NOT DISCONNECT WHILE CIRCUIT IS LIVE UNLESS AREA IS KNOWN TO BE NON-HAZARDOUS

### 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

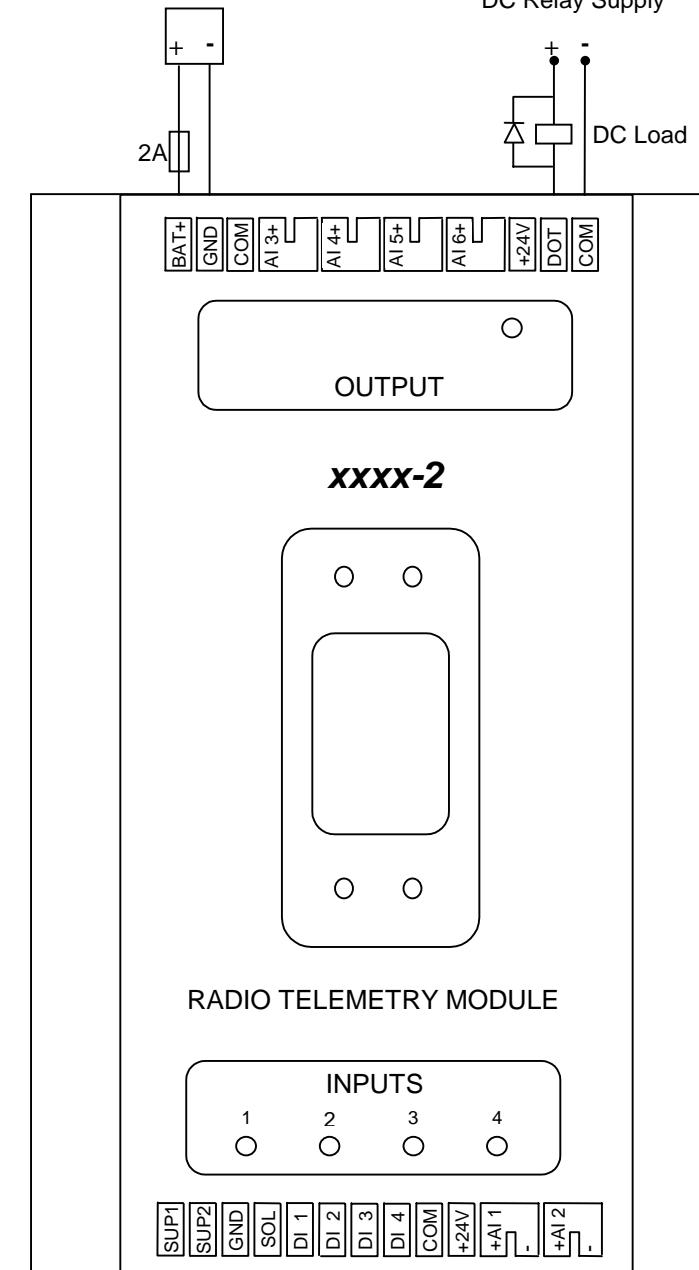


AC Supply 12-24VAC min 15VAC for Battery Charging. **Do not earth SUP1 or SUP2 connections**

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

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

Digital Output Max 30VDC, 500mA DC Relay Supply



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

Digital Input Voltage Free Contact OR Transistor Device

Loop Powered Analog Transducer

Ext. Powered Analog Transducer

To Earth Connection