

105U-4 / 105S-4

Installation Guide

Statutory Requirements

EC: Unlicensed operation limits the radio power. High gain aerials may only be used to compensate for cable losses.

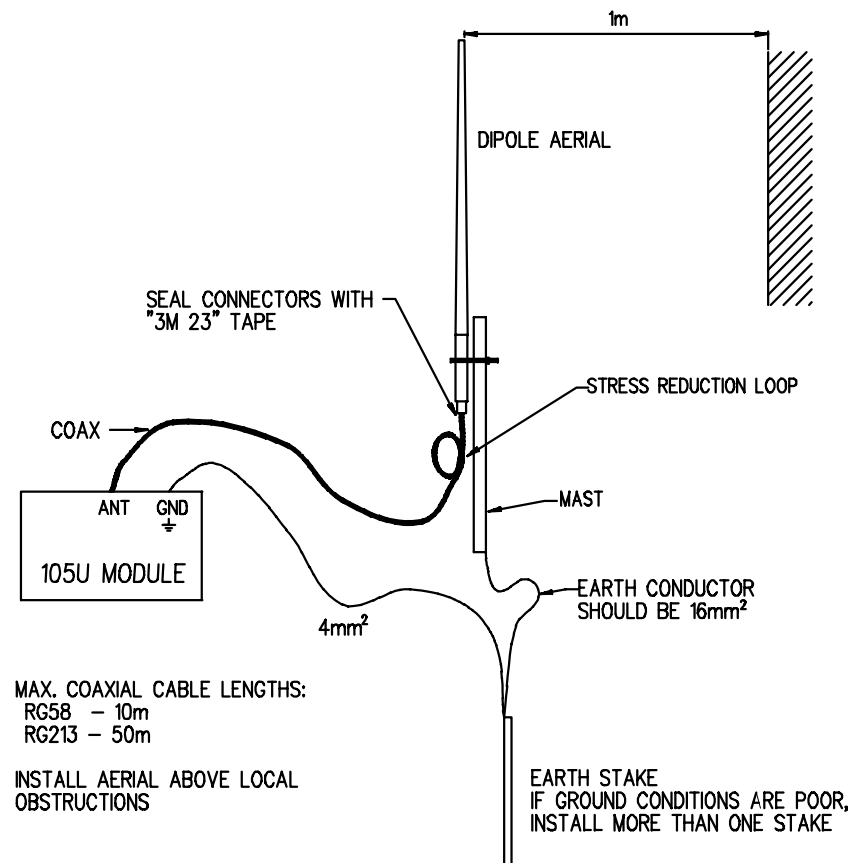
105U-4 / 105S-4 Installation

Power supply may be:

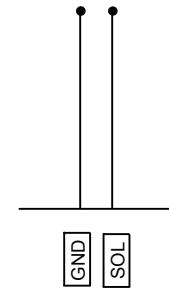
- (A) 12-24VAC ¹
- (B) 15-30VDC ¹
- (C) Supply battery
- (D) Solar panel with solar battery

¹ Use backup battery if required. Note minimum supply is 15VAC 17VDC with backup battery

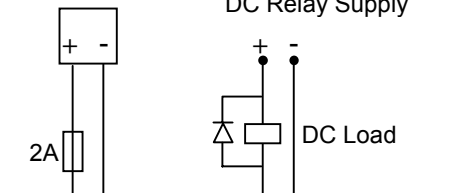
Aerial Installation



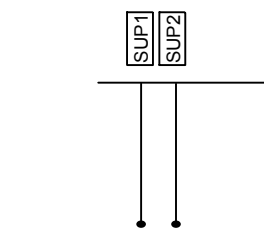
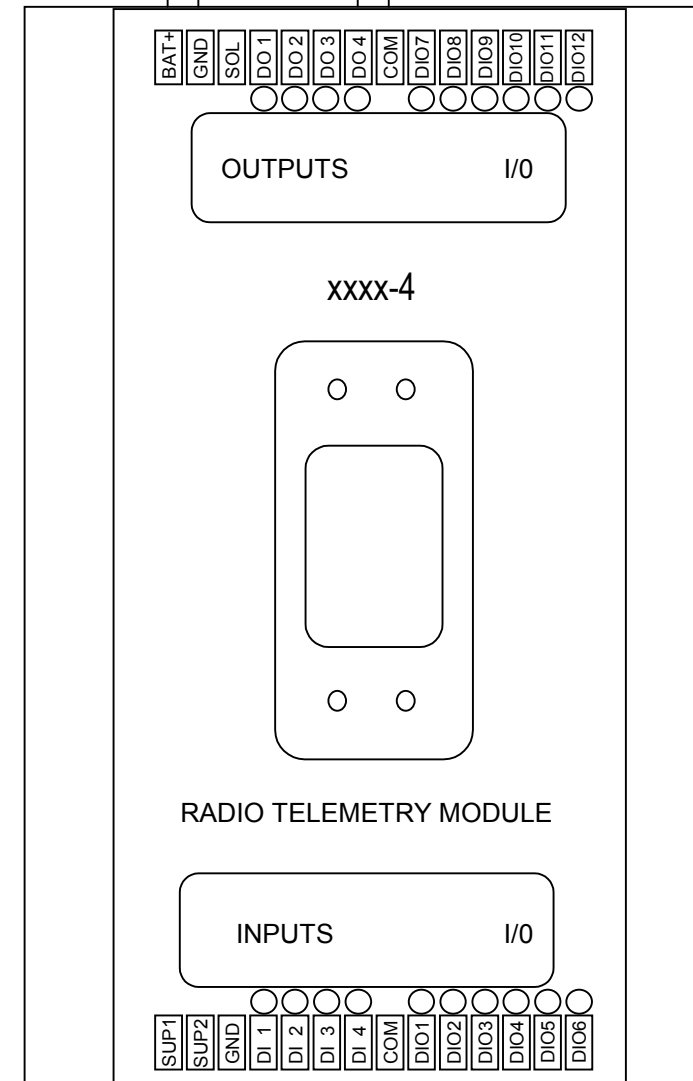
12V Solar Panel
 Supply max 20VDC
 max 30W panel



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



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

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

To Earth
 Connection

Digital Input
 Voltage Free
 Contact
 OR
 Transistor
 Device

NOTES

- DIO channels can be wired as either inputs or outputs.