**105U-2-5W Installation Guide**

**IMPORTANT NOTICE**

PLEASE REFER TO THE USER MANUAL FOR IMPORTANT REGULATORY AND SAFETY INFORMATION PRIOR TO INSTALLATION AND USE OF THIS PRODUCT

**Aerial Installation**

- COLINEAR ANTENNA
- WEATHERPROOF CONNECTORS WITH "3M 23" TAPE
- COAXIAL CABLE
- STRESS RELIEF LOOP
- MAST
- ANT
- SURGE ARRESTER (OPTIONAL)
- GND
- PROVIDE GOOD GROUND CONNECTION TO MAST, MODULE AND SURGE ARRESTER
- INSTALL AERIAL ABOVE LOCAL OBSTRUCTIONS

**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.

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**105U-2-5W Installation**

Power supply:

(A) 12-24VAC 2.0 Amp CSA Certified Class 2
(B) 15-30VDC 2.0 Amp CSA Certified Class 2
(C) Supply battery or 11-15VDC
(D) Solar panel with solar battery

Choose option and wire as shown

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**WARNING!**

**EXPLOSION HAZARD**

DO NOT Disconnect while circuit is live_unless area is known to be non-hazardous

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**Digital Output**

Max 30VDC, 500mA DC Relay Supply

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**11-15VDC Supply or 12V Backup Battery Required**

- 12 Ampour for AC/DC
- 100 Ampour for Solar

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**Notes**

- 12V Solar Panel Supply
- 15-30VDC min 17VDC for Battery Charging
- 12V Solar Panel Supply max 25VDC max 30W panel
- DC Supply
- Digital Input Voltage Free Contact
- Loop Powered Analog Transducer
- Ext. Powered Analog Transducer

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**Output**

- Digital Output

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**Inputs**

- 1
- 2
- 3
- 4

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**Antennas should be installed by experienced contractors.**

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