

# 105U-3-5W wireless extension I/O installation guide



## CAUTION

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

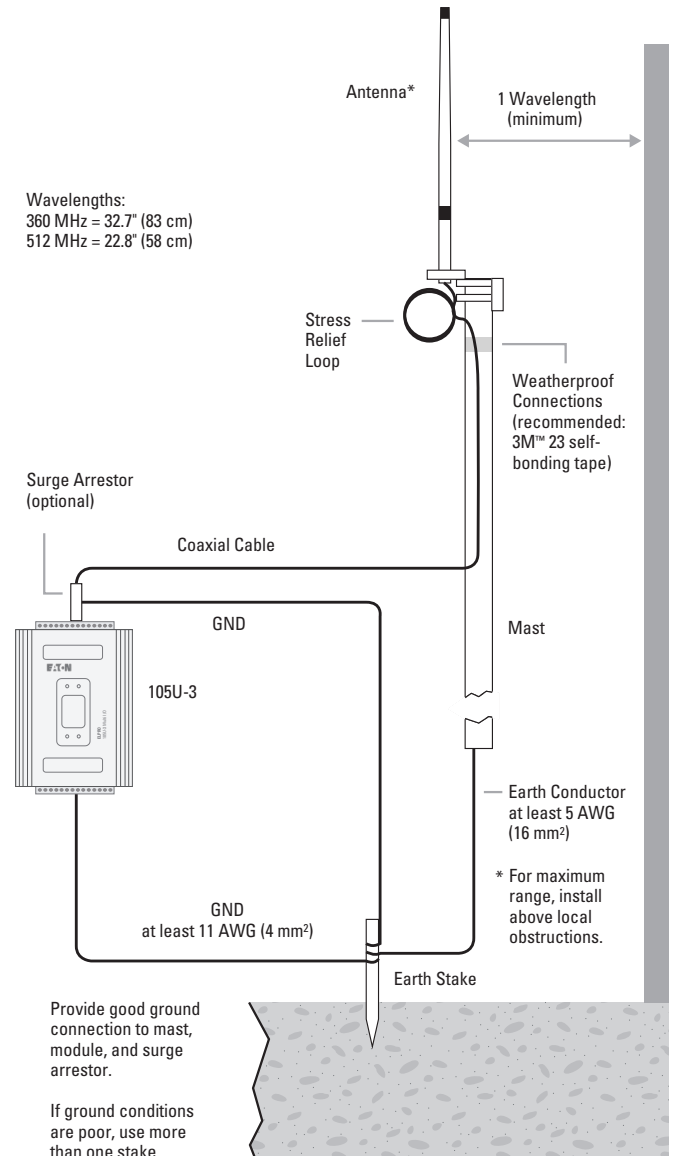
## Statutory requirements

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

## Antenna installation

Use Figure 1 as a guide for installing an antenna and attaching it to the module.

Figure 1. Antenna Installation



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**Installation**

Choose a power supply option:

- 12–24 Vac, 1.5A CSA certified Class 2 \*
- 15–30 Vdc, 1.5A CSA certified Class 2 \*
- 11–15 Vdc 2.0A
- Solar panel with battery

After choosing a power supply option, wire the module as shown in Figure 2.

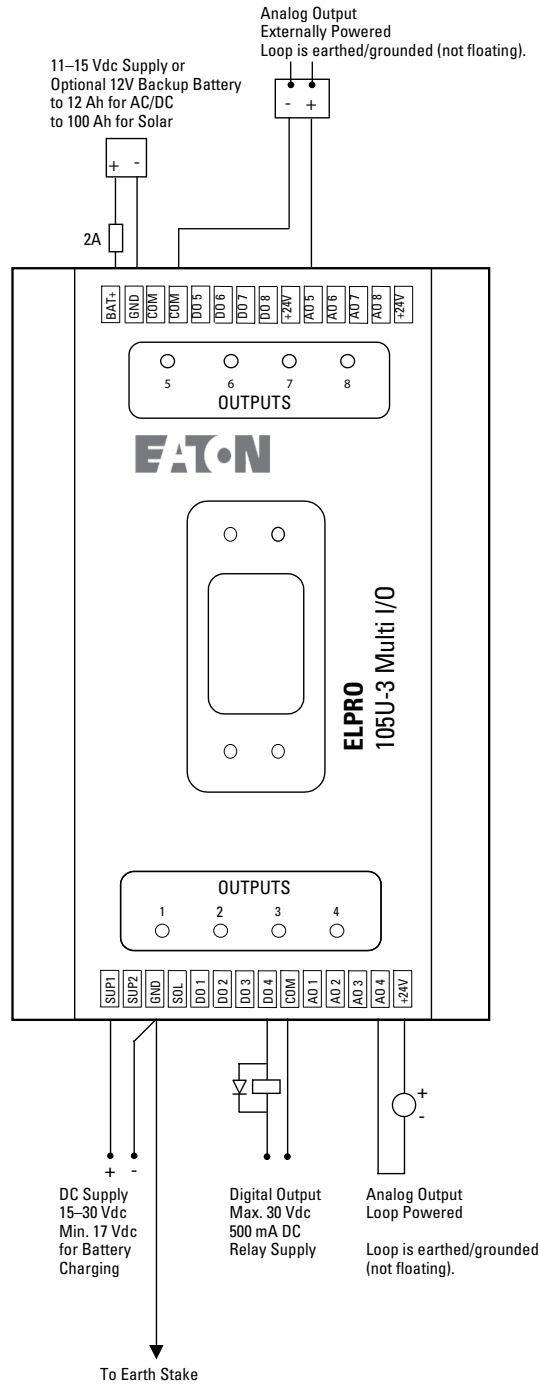
**Note:** All I/O must be SELV.

\*Backup battery must be used if radio power is set to 2W or higher.

When the wiring is completed, connect the module to a computer (PC) and configure it using the configuration software. For details, refer to the user manual.

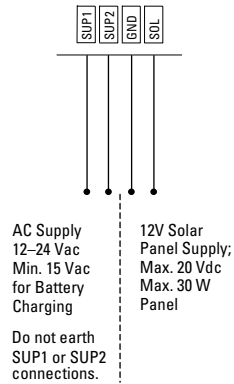
Before operating the module, read the sections on operation and configuration in the user manual to take advantage of all product features.

**Figure 2. Wiring Diagram**



**WARNING  
EXPLOSION HAZARD**

**Do not disconnect while circuit is live unless area is known to be non-hazardous.**



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