

105U-1 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.

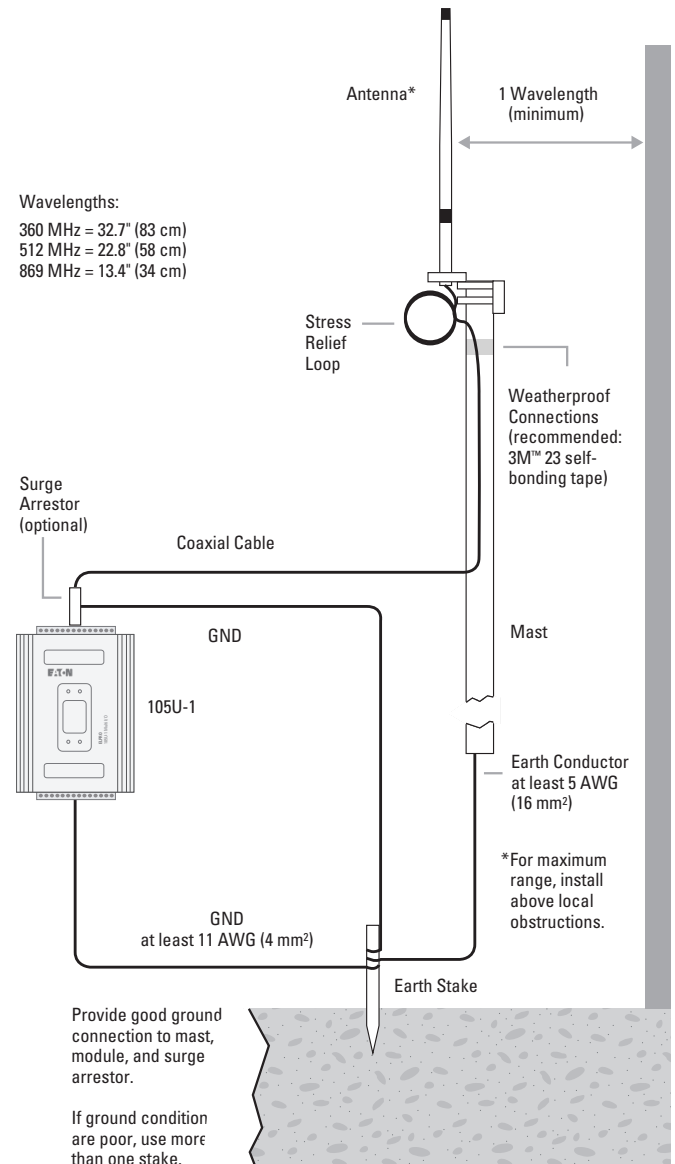
Statutory requirements

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



Powering Business Worldwide

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 supply or battery
- 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.

① Digital outputs are relay contacts. For ratings see your product user manual. For AC supply, use 10 nF 250V surge capacitor. For DC supply, use bypass diode.

② Analog outputs are either loop powered or externally powered. Output loops are earthed (not floating).

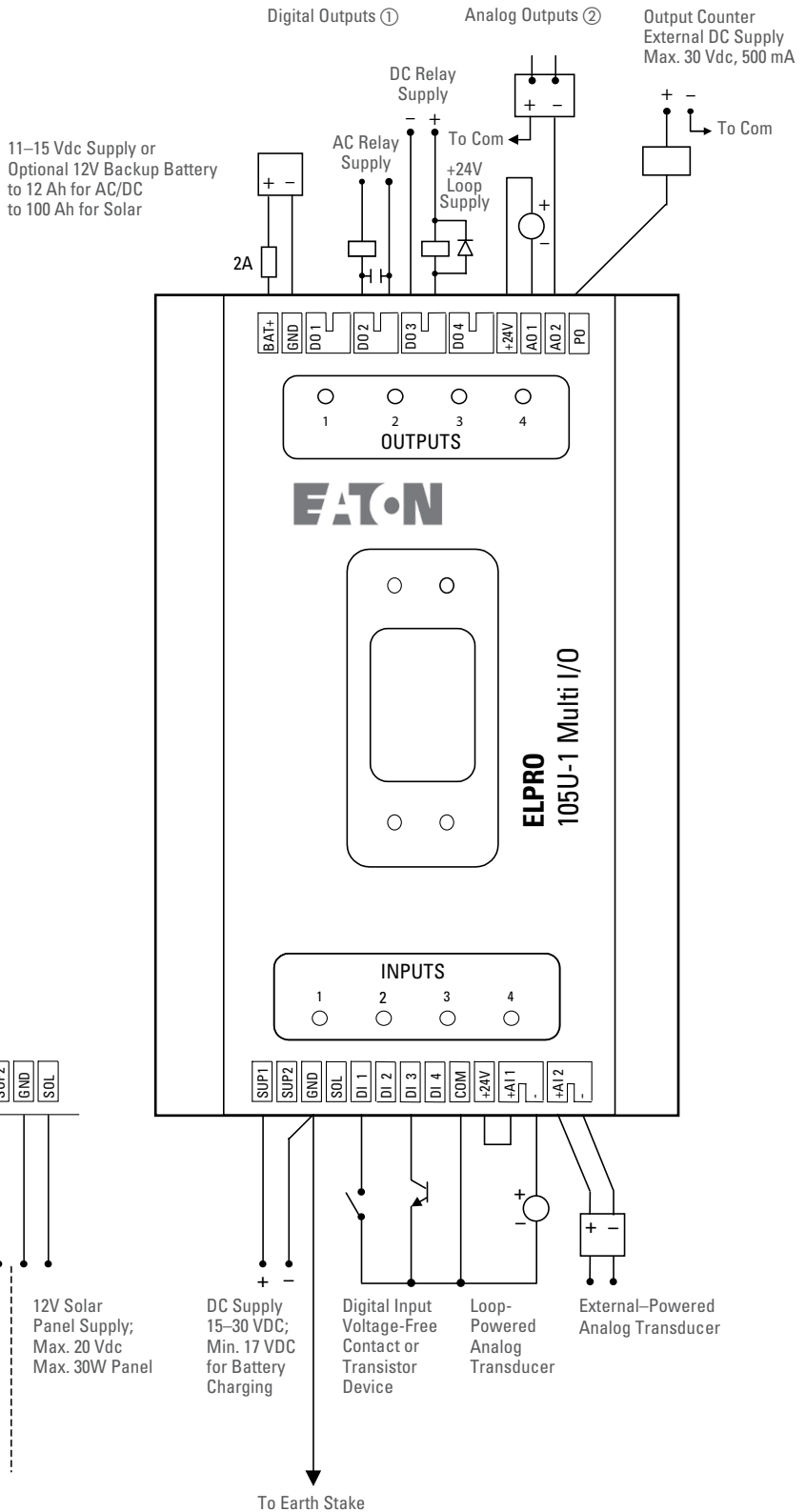
When the wiring is completed, connect the module to a computer (PC) and configure it using the configuration software. For details, refer to the user manual.

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

**WARNING
EXPLOSION HAZARD**

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

Figure 2. Wiring Diagram



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Eaton's wireless business
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