



## WARNING - EXPLOSION HAZARD

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

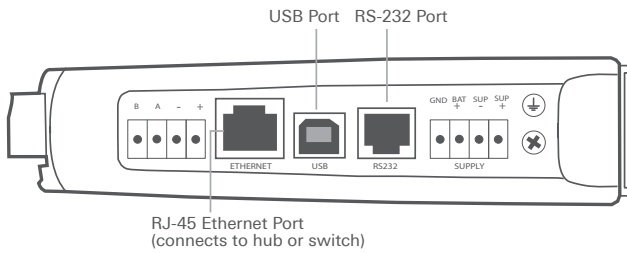
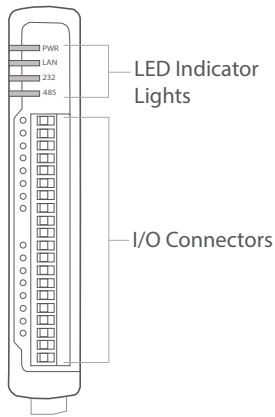
## NOTE

**All connections must be SELV <50 Vac and <120Vdc.**

### Connecting to the module for configuration.

- Download and install configuration utility software, available from the Elpro Technologies website. [www.elprotech.com](http://www.elprotech.com)
- Connect to PC using supplied USB cable.
- Connect to the device by selecting USB connection and using the IP address 192.168.111.1 or 1.1.1.1 for older firmware (pre V2.28)
- The PC will automatically be assigned an IP address from the module via DHCP. A new network adaptor will be created using IP address 192.168.1.2 (or 1.1.1.2)
- **Username: user**
- **Password: user**

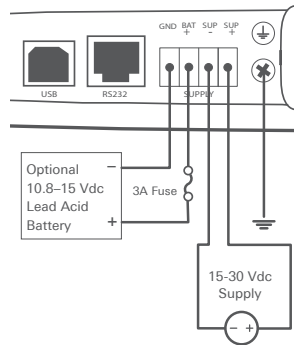
The following illustrations show the port connections on the 115E-2.



**Power Supply Wiring**

The ground (GND) and "SUP -" terminals are connected internally to the ground (Earth) terminal.

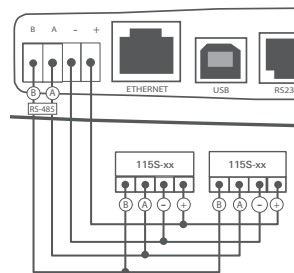
Connect the screw terminal on the end plate to ground (Earth) for surge protection.



**Expansion I/O Power and RS485 serial connection**

An on-board RS-485 terminating resistor provides line termination for long runs.

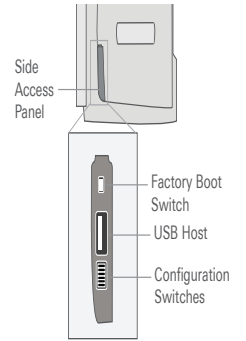
Only enable terminating resistor on the last device connected on the RS-485 cable.



**Configuration Switches**

Use the DIP switches in the side access panel to select analog input voltage or current, and to enable default configuration.

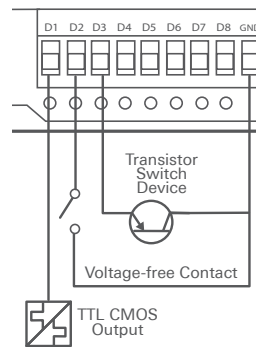
DIP	Description	ON	OFF
1	AI3 Current / Voltage	Current	Voltage
2	AI3 Current / Voltage	Current	Voltage
3	AI4 Current / Voltage	Current	Voltage
4	AI4 Current / Voltage	Current	Voltage
5	Unused		
6	Default configuration	Enabled	Normal



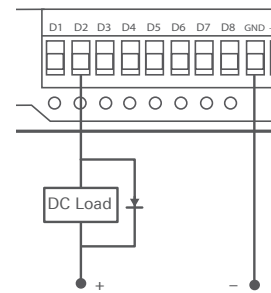
**Input and Output connections**

The digital input/output channels can be wired as inputs or outputs.

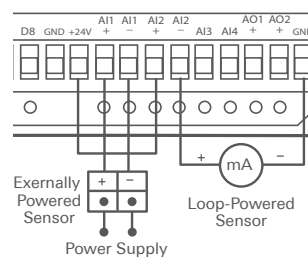
**Digital Input**



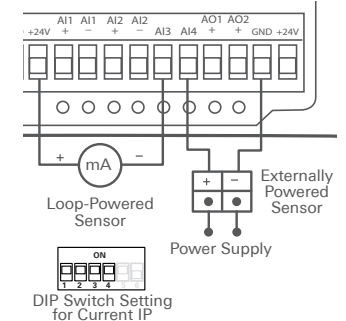
**Digital Output**



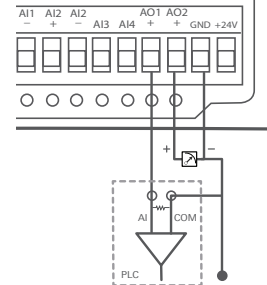
**Differential 4-20mA inputs (AI1, AI2)**



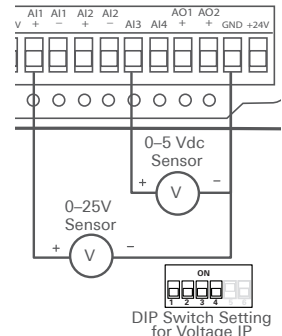
**Single Ended 4-20mA inputs (AI3, AI4)**



**Analog Output (0-20mA)**



**Single Ended voltage input**



**CONTACT**

**Australia**  
ELPRO Technologies  
29 Lathe Street  
Virginia QLD 4014  
T +61 7 3352 8600  
E sales@elprotech.com  
W elprotech.com

**USA**  
ELPRO Technologies Inc  
2028 East Ben White Boulevard  
#240-5656 Austin, TX 78741-6931  
T +1 855 443 5776  
E sales@elprotech.com  
W elprotech.com

**HOW TO ORDER**

Simply send us an email at [sales@elprotech.com](mailto:sales@elprotech.com), contact your local distributor, or phone **+61 7 3352 8600**