Manuals+ — User Manuals Simplified.

ELPRO Technologies 115E-2 Long Range Mesh Multi Installation Guide

Contents

ELPRO Technologies 115E-2 Long Range Mesh Multi

Specifications

- Model: 115E-2
- Installation Guide
- Warning: Explosion Hazard
- All connections must be SELV

WARNING – EXPLOSION HAZARD

Do not disconnect the device while the circuit is live unless the area is known to be non-hazardous.
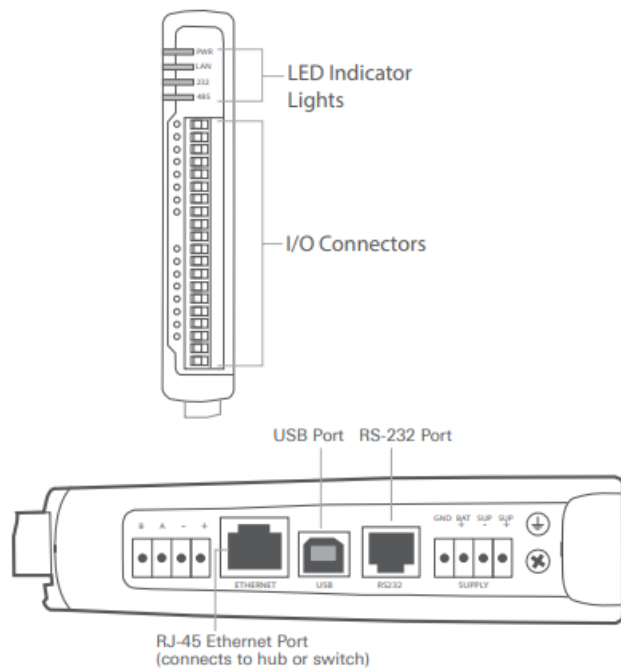
NOTE
All connections must be SELV <50 Vac and <120Vdc.
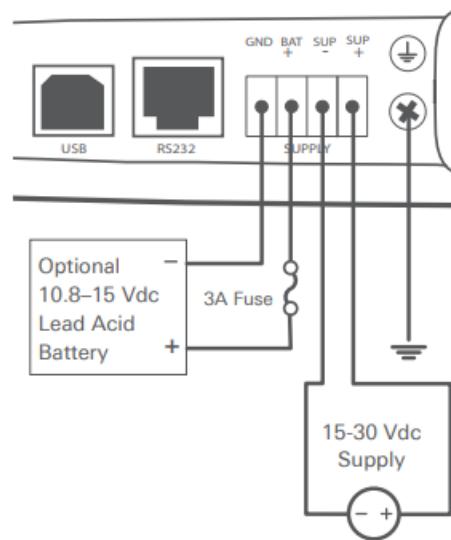
Connecting to the module for configuration

- Download and install configuration utility software, available from the Elpro Technolgies website.
  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

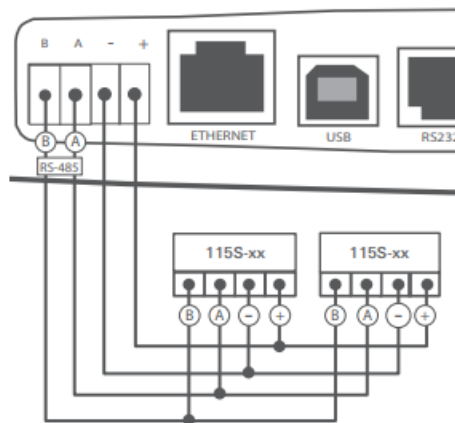**The following illistrations show the port connections on the 115E-2.**

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.
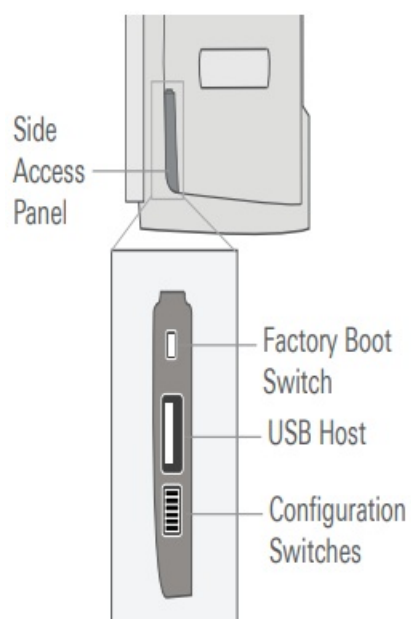
Installation

Follow the installation guide provided in the manual carefully.
Make sure all connections are SELV to avoid any risks of explosion hazards.
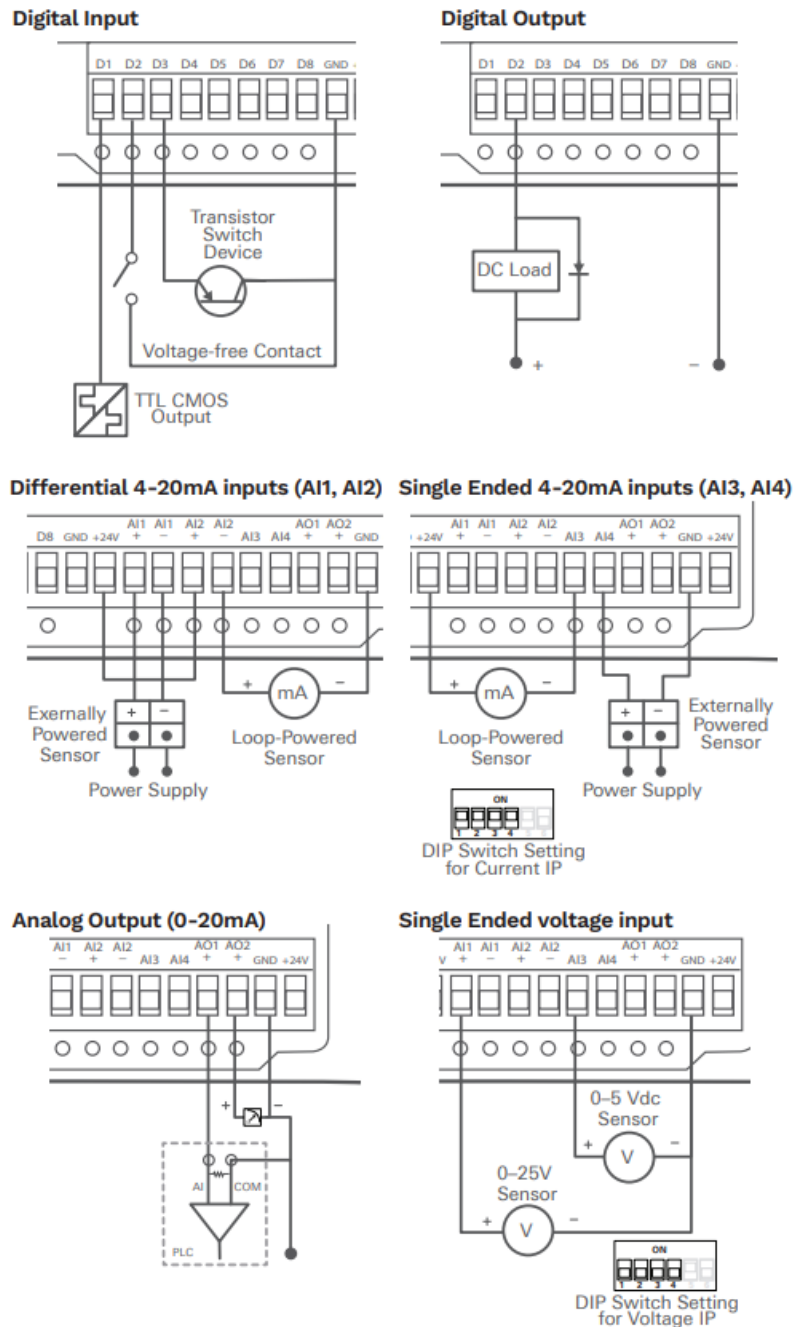
Configuration Switches
Use the DIP switches in the side access panel to select analog input voltage or current, and to enable default configuration.

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.

Troubleshooting

If you encounter any issues during installation or operation, refer to the troubleshooting section of the manual for guidance. Do not attempt to repair the product yourself.

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**, contact your local distributor, or phone +61 7 3352 8600

An envirada group company

FAQ

Q: Can I disconnect the device while the circuit is live?

A: It is highly advised not to disconnect the device while the circuit is live unless the area is confirmed to be non-hazardous.
Follow proper safety precautions at all times.

Documents / Resources

ELPRO Technologies 115E-2 Long Range Mesh Multi [pdf] Installation Guide
115E-2 Long Range Mesh Multi, 115E-2, Long Range Mesh Multi, Range Mesh Multi, Mesh Multi

References

- **Industrial Wireless Communication & Control Systems**
- **User Manual**