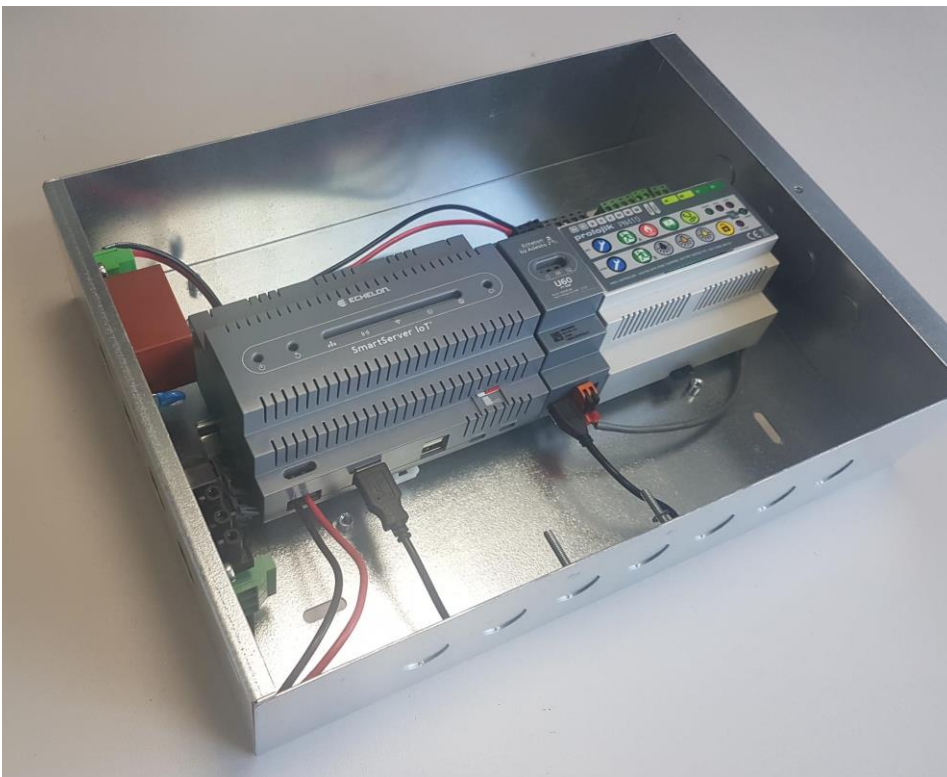


PN541

The **PN541** is an IP router hub that allows for the connection of Prolojik Lon networks to larger building management infrastructures. The **PN541** offers a hugely flexible, feature packed area control device.

Key Features:

- Lighting controls system scheduler
- Browser based management interface
- Power, network and network traffic status indication
- Simple integration and wiring
- Fully distributed intelligence
- LAN / Intranet connection
- Laptop connection point

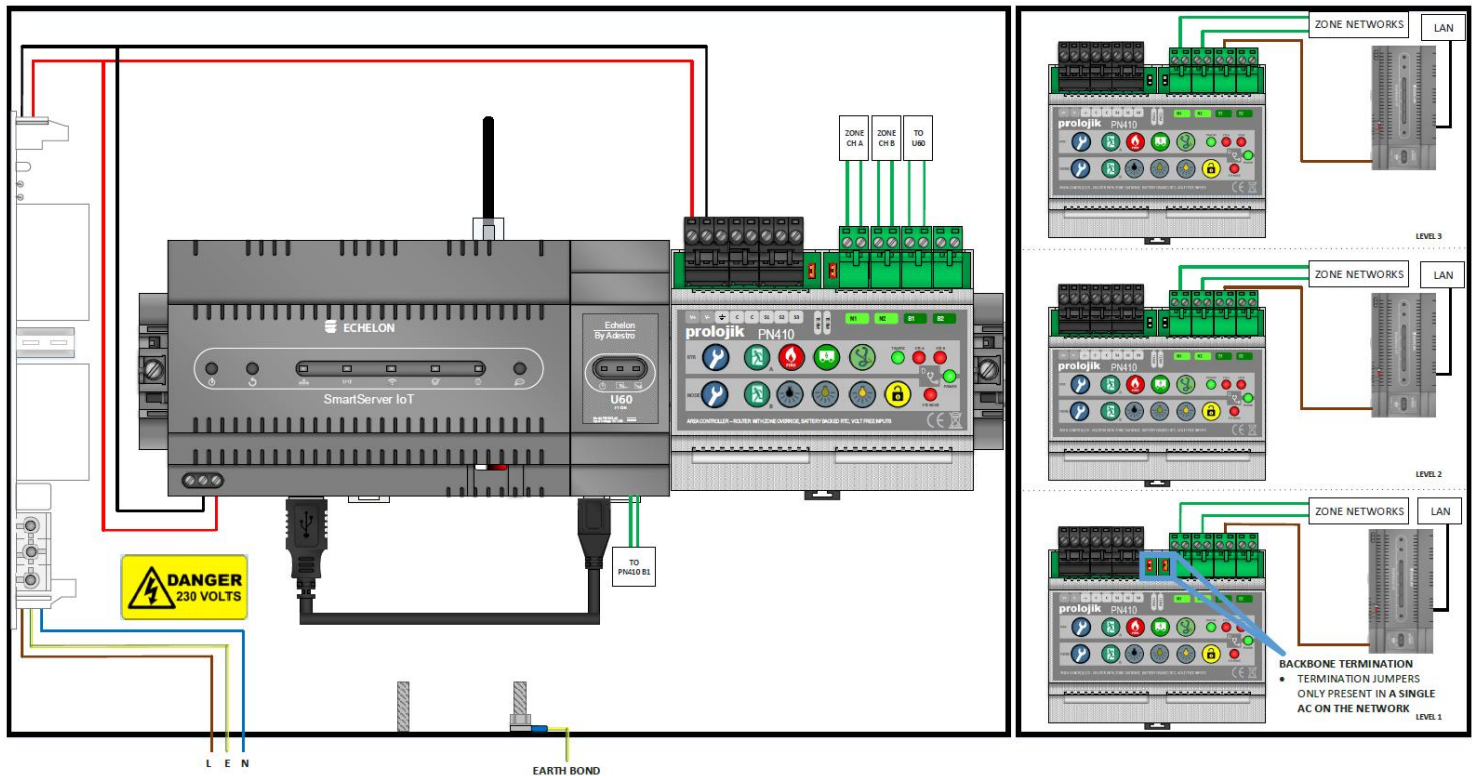


AREA CONTROLLER SUPPLY

- CONNECTION FOR AREA CONTROLLER
- 3 CORE POWER INPUT FROM 5A FUSED SPUR

GENERAL

- ENSURE FULL ISOLATION BEFORE ACCESSING DEVICE
- ENSURE EARTH BONDS ARE IN PLACE, INCLUDING LID



BACKBONE NETWORK (IP)

- CAT 5E CABLE OR BETTER (6, 6A)

Specifications

Inputs

3 x volt free inputs
Cage clamp terminals cable cross sections from 0.5 to 2.5mm²

LAN Connection

2 x RJ-45 jacks for WAN and LAN, including LON IP-70 and IP-852, BACnet/IP and Modbus TCP
Default IP: 192.168.1.222
Subnet mask: 255.255.255.0
Homepage: http://<hostname>.local OR http://192.168.1.222

Network

LonWorks™ network TP/FT-10 (Capacitor decoupled)
LonWorks™ interoperable solution
Cable cross sections from 0.5 to 2.5mm²
Belden 8471 twisted pair unscreened or equivalent

Network Inputs

2 x RJ45 Network inputs
4 x USB Type A local IoT network and I/O interfaces
1 x Micro-B USB console port

Dimensions

355 mm x 260 mm x 80 mm (LxWxH)

Safety

EN 62368-1

Isolation: 4kV between mains and sensors

Conformity and Standards

Generic emission: EN 61000-6-3
Generic immunity: EN 61000-6-1
EN 61000-4-5:2006
LonMark™ compliant
FCC, CE, IC, and CCC
EN55022 Class B
EN55024

Environment

Storage

Temperature: -40°C - +70°C

In Use

Temperature: -40°C - +70°C

Mains Input

100 - 230VAC, 47 - 63 Hz
5A unswitched spur

Installation

Must be installed at accessible height but no higher than 1.5 meters.

Important

All wiring must be carried out by a qualified electrician in accordance with the current edition of the wiring regulations and any applicable regional standards

Prolojik maintains a policy of ongoing improvement, and the information herein is subject to change without notice