

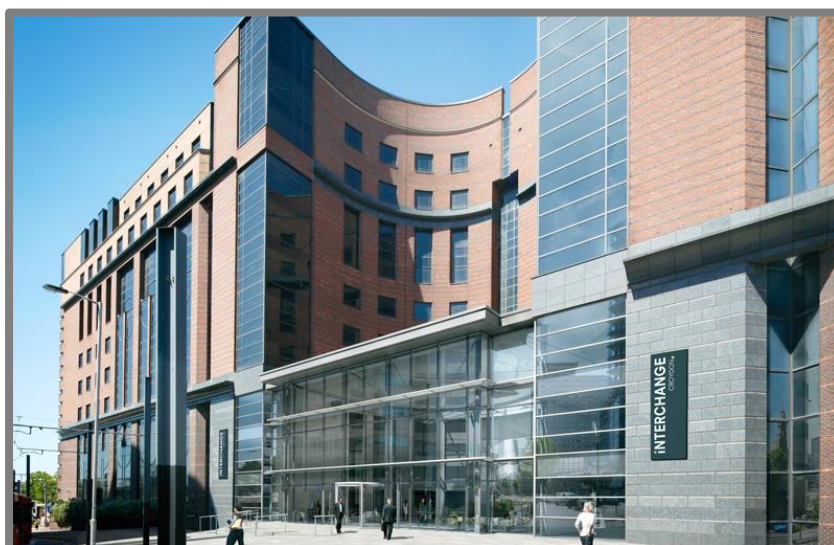
PN440

The **PN440** offers a hugely flexible, feature packed area control device.



Key Features:

- Lighting controls system scheduler
- Soft button display panel
- Password protected command buttons
- Power, network and network traffic status Indication
- Loadshed, system diagnostics, emergency test (2 Zone), fire alarm & master on, off, dim buttons
- Simple integration and wiring
- Fully distributed intelligence
- Laptop connection point
- Volt free inputs



AREA CONTROLLER SUPPLY

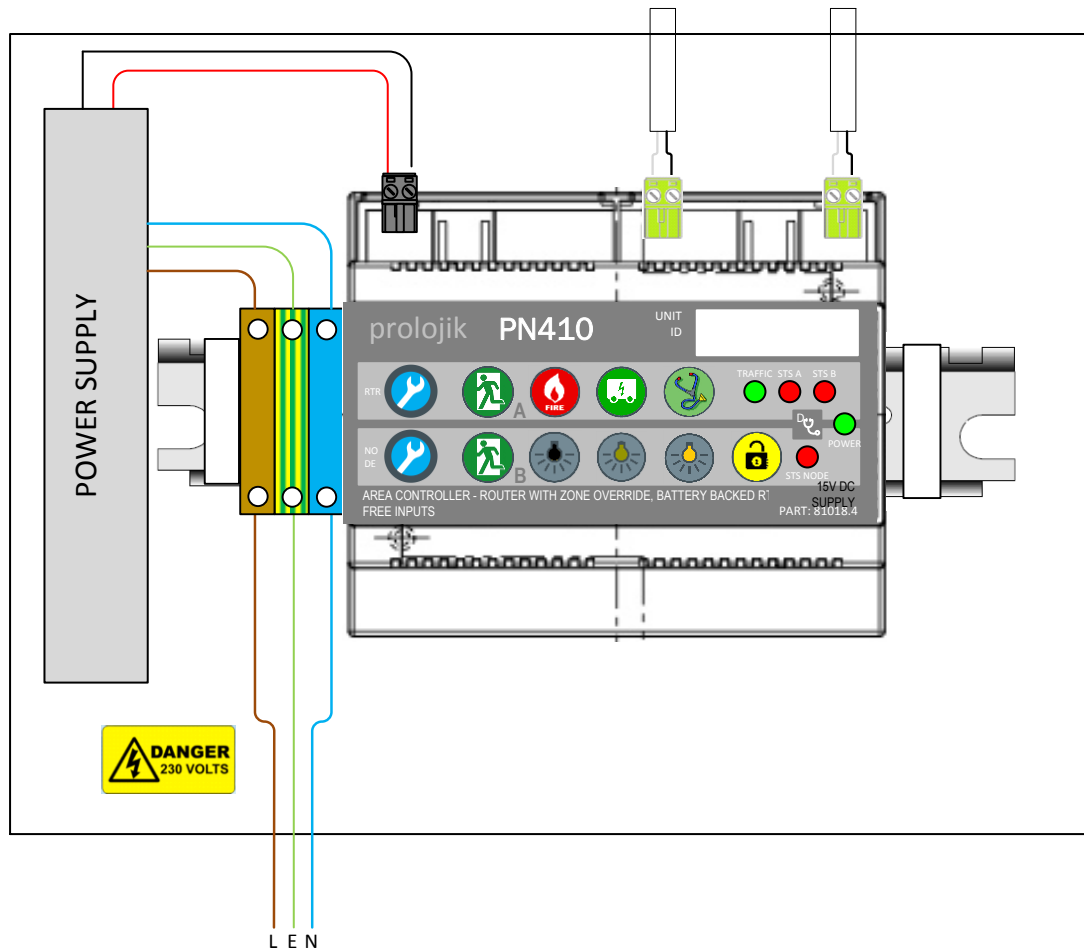
- CONNECTION FOR AREA CONTROLLER
- 3 CORE POWER INPUT FROM 5A FUSED SPUR

LON ZONE NETWORK (GREEN)

- 2-CORE LON NETWORK CONNECTION FOR LCM NETWORK USING BELDEN 8471NH OR EQUIVALENT
- INTERCONNECT ALL LCMS IN ZONE AND TERMINATE AT AREA CONTROLLER

BACKBONE NETWORK (GREEN)

- 2-CORE LON NETWORK CONNECTION FOR AREA CONTROLLER BACKBONE USING BELDEN 8471NH OR EQUIVALENT



Specifications

Inputs

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

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 Input

LonWorks™ interface - backbone
LonWorks™ interface - zone

Dimensions

355 mm x 260 mm x 80 mm (LxWxH)

Safety

EN 60 950
Isolation: 4kV between mains and sensors

Conformity and Standards

Generic emission: EN 50 081 part 1
Generic immunity: EN 50 082 part 1
RFI: EN 55 014
LonMark™ compliant

Environment

Storage
Temperature: -10°C - +60°C
Humidity: 0% - 90% non condensing

In Use

Temperature: 0°C - +40°C
Humidity: 10% - 90% non condensing

Mains Input

Requires 15Vdc remote power supply

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

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