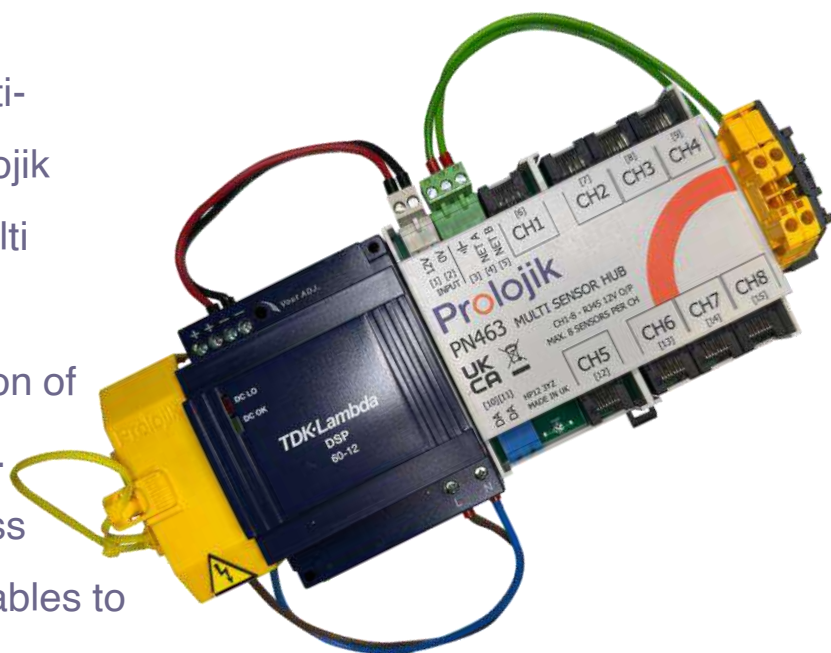


Multi Sensor Hub

The Prolojik PP464 is a multi-channel sensor hub for Prolojik Proxima PS4xx range of multi sensors.

Its flexibility allows connection of up to 8 sensors per channel.

The common cabling harness utilises CAT5e and CAT 6 cables to support DALI self-powered, DALI remote powered and Proxima sensors.



Key Features

- Simple integrated wiring
- Multiple sensor compatibility
- 8 channels
- 8 sensors per channel
- Common cabling for DALI and LON
- Individual port fusing

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Multi Sensor Hub

Specification

Features

8x Proxima Sensors per channel (8 Channels)
16 DALI Sensors in total across 8Channels

Networking

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

Network Input

LonWorks™ interface – backbone
LonWorks™ interface – zone

Connections

15V DC Input
DALI Bus Output
LonWorks™ Interface
8 x RJ45 Sensor Channels

Fixings

Spring retractable DIN rail mounting clip
DIN EN50022

Dimensions

355mm x 260mm x 80mm (L x W x H)

Safety

EN 60 950
Isolation: 4kV between mains and sensors

Conformity & Standards

Generic emission: EN 50 081 part 1
Generic immunity: EN 50 082 part 1
RFI: EN 55 014
ARCOM MasterSpec 2013 Classification 29 09 33
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

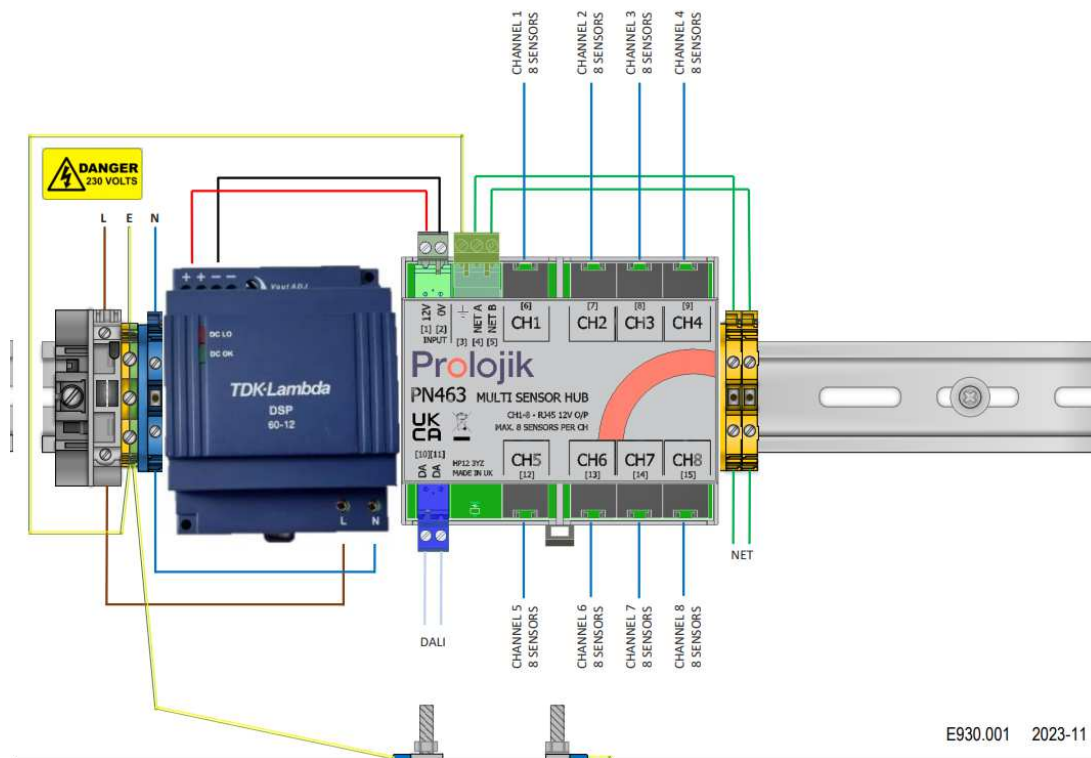
Power Input

12V DC Power Supply up to 60W

Output

Proxima bus outputs (for 8 DALI sensors per channel)
Connection: RJ45 Cat 6 cable

Technical Data



E930.001 2023-11

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