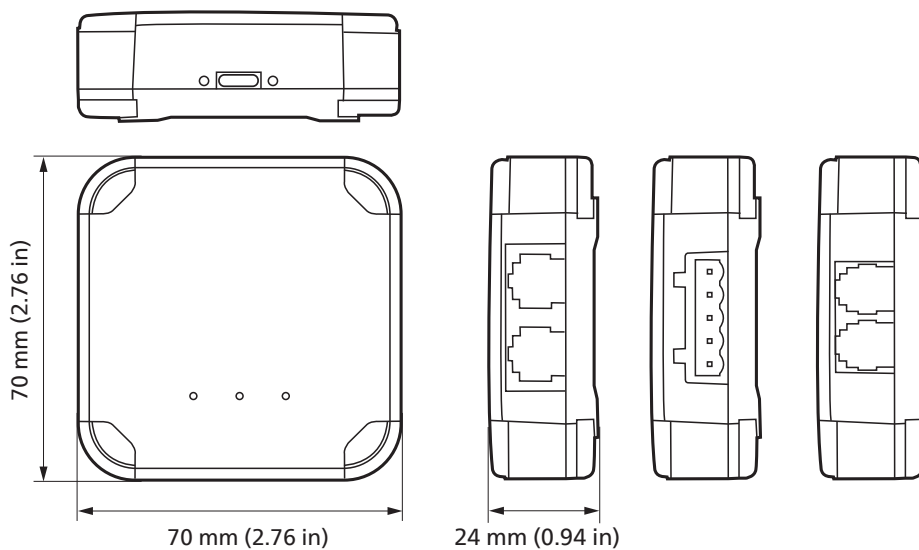# PD-PCN

PC Node

PC connection node

The Philips Dynalite PD-PCN provides a USB connection from your PC to the Dynalite system.
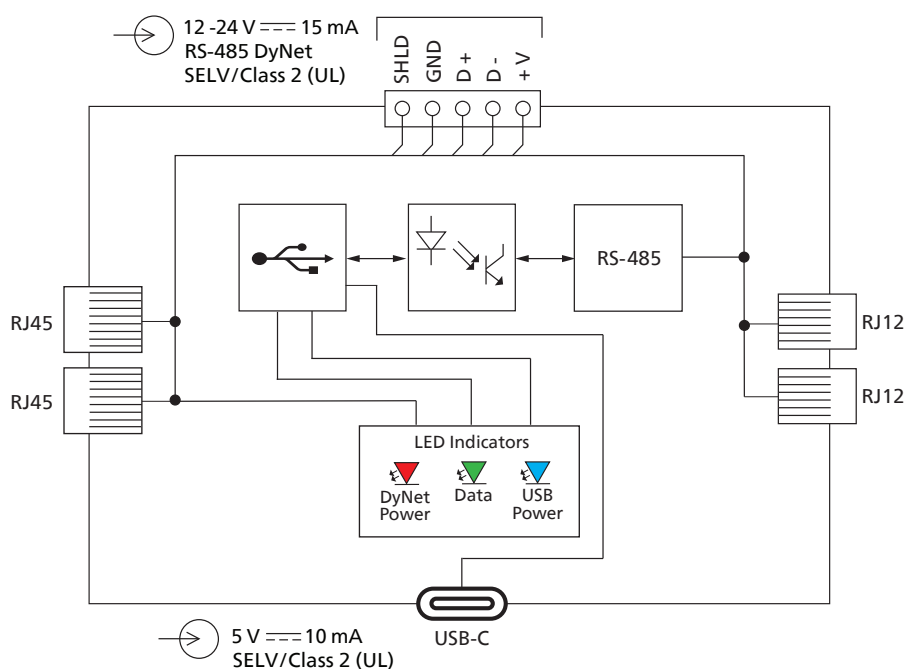
PD-PCN
PC connection node

- **Useful interface for any Windows PC** – Provides complete access to all network messages present on the DyNet network.

- **Commissioning and maintenance tool** – Can be used in conjunction with Philips Dynalite System Builder to commission, configure, and diagnose Dynalite devices.

- **Versatile mounting** – Robust housing includes cable tie attachment points for easy installaton onto server racks or other IT infrastructure.

- **Easy network connection** – Included PDC-DINGUS-UI accessory with screw terminal and RJ12 ports enables commissioning techs to tap into an existing network and maintain connection to all devices.

- **Reliable PC connection** – Can be used as a permanent gateway to the system for the Philips Dynalite System Manager head-end software.

- **Optical isolation** – Separation of USB and RS-485 interfaces protects connected devices from accidental damage or data loss caused by an electrical fault on the other side.

Dimensions

70 mm (2.76 in)

70 mm (2.76 in)

24 mm (0.94 in)

Electrical

12 -24 V === 15 mA
RS-485 DyNet
SELV/Class 2 (UL)

SHLD GND D + D - + V

RS-485

RJ45

RJ45

RJ12

RJ12

LED Indicators

DyNet Power   Data   USB Power

USB-C

5 V === 10 mA
SELV/Class 2 (UL)

Specifications

Due to continuous improvements and innovations, specifications may change without notice.

PD-PCN
PC Node

Electrical

Supply Type	DyNet/USB
DyNet Supply Voltage	12-24 VDC
DyNet Supply Current	15 mA
USB Supply Voltage	5 VDC
USB Supply Current	10 mA
Serial Port Isolation	Optical
IEC Overvoltage Category	III

Control

Serial Ports	1 x RS-485
	1 x USB-C
Supported Protocols	DyNet
Indicators	1 x DyNet Power LED 🔴
	1 x Data LED 🟢
	1 x USB Power LED 🔵

Physical

Dimensions (H x W x D)	70 x 70 x 24 mm (2.76 x 2.76 x 0.94 in)
Packed Weight	184 g (0.4 lb)
Construction	Polycarbonate
Serial Ports	1 x 5-way pluggable screw terminal
	2 x RJ45
	2 x RJ12
	1 x USB-C
Screw Terminal Conductor Size	0.3-2.5 mm^2 (#22-12 AWG)

Environment*

Operating Temperature	0° to 50°C ambient (32° to 122°F)
Storage/Transport Temperature	-25° to 70°C ambient (-13° to 158°F)
Relative Humidity	0 to 90% non-condensing
IEC Pollution Degree	II

Compliance

Certification	CE, RCM, UKCA, FCC, ICES, RoHS
Ingress Protection	IP20

*   For indoor installation only

Ordering Codes

Product	Philips 12NC
PD-PCN	913703380709

Accessories (Supplied)

1 x USB-C Cable
1 x RJ12 Cable
1 x PDC-DINGUS-UI (commissioning dingus)
1 x 5-pin pluggable screw terminal

www.dynalite.com

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