PD-232N

RS-232 PC Node

Specification Sheet

Serial port connection node

The Dynalite PD-232N is a network gateway that provides passive integration to a PC or RS-232 system.

Key Features

- **Full duplex integration** – links the Dynalite system to AV or HVAC systems supporting passive RS-232

- **Versatile mounting** – robust housing with cable tie attachment points for server racks

Dimensions

76 mm (3 in)

70 mm (2.76 in)

24 mm (0.94 in)
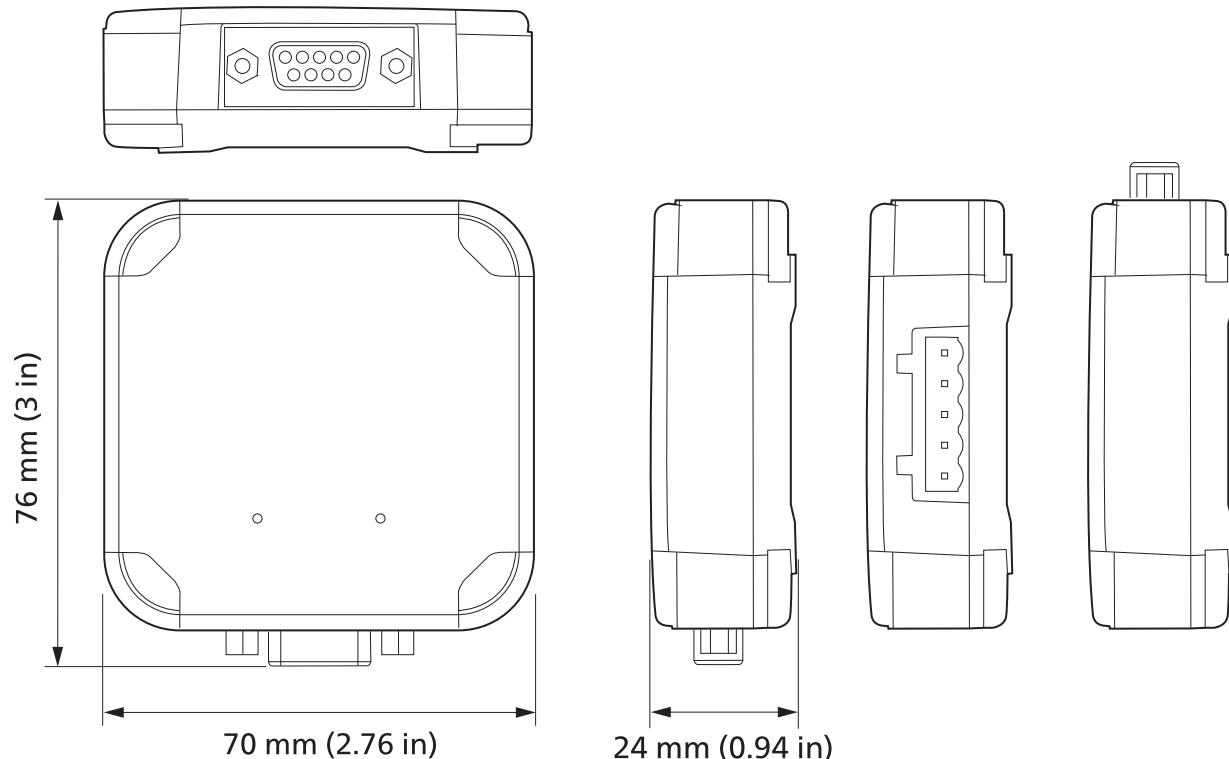
Specifications

Electrical

Supply Type	DyNet
Supply Voltage	12-24 VDC
Supply Current	50 mA
IEC Overvoltage Category	II

Control

Communication Ports	1 x RS-485 1 x RS-232
Supported Protocols	DyNet
Indicators	1 x DyNet Power LED (red) 1 x Data LED (green)

Physical

Dimensions	76 x 70 x 24 mm (3.0 x 2.76 x 0.94 in)
Packed Weight	278 g (0.61 lb)
Construction	Polycarbonate
Serial Ports	1 x 5-way pluggable screw terminal 1 x DB9 Female
Serial Port Conductor Size	0.3-2.5 mm² (#22-12 AWG)

Environment

Operating Temperature	0° to 50°C ambient (32° to 122°F)
Storage Temperature	-25° to 70°C ambient (-13° to 158°F)
Relative Humidity	≤90% non-condensing
IEC Pollution Degree	II
Installation Note	For indoor installation only

Compliance

Certifications	CE, RCM, UKCA, FCC, ISED
Sustainability	RoHS
IP Rating	IP20

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

dynalite.com

Electrical Drawing

12-24 V === 50 mA
RS-485 DyNet
SELV / Class 2 (UL)

SHLD GND D + D - + V

RS-485

GND

LED Indicators
DyNet Power
Data

RS-232
DB9 Female socket

1 – LOOP
2 – TX
3 – RX
4 – DTR
5 – GND
6 – LOOP
7 – NC
8 – NC
9 – LOOP
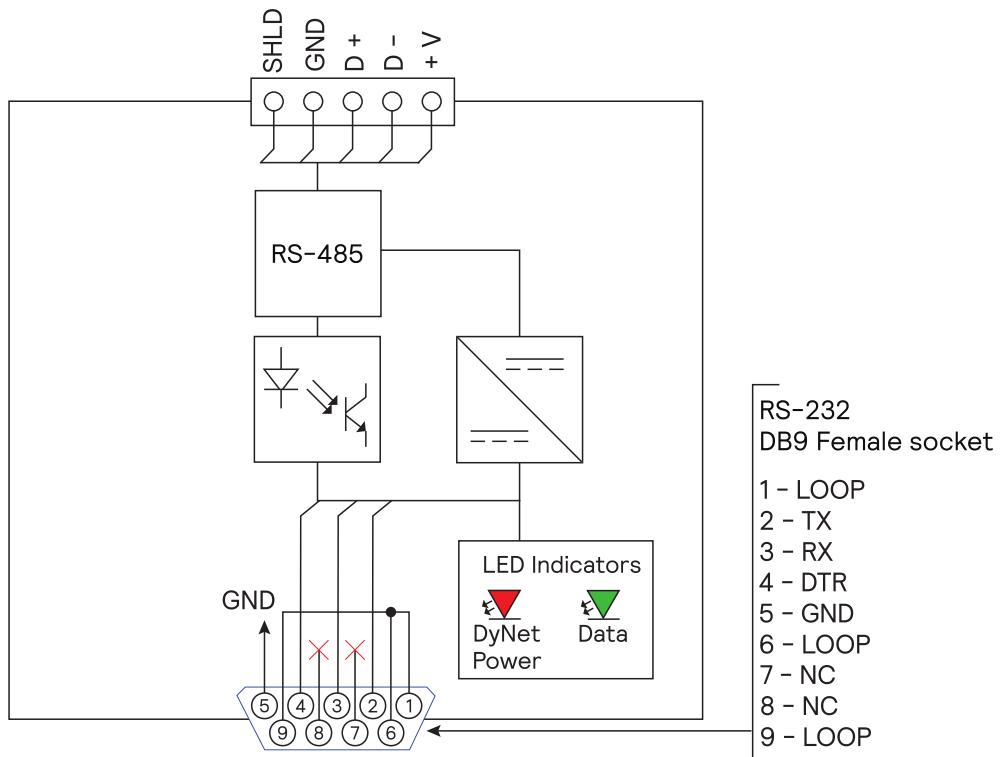
Ordering Codes

Product	12NC
PD-232N	913703098409

Accessory		12NC
1 x RS-232 Male-to-Female Cable	(Supplied)	
1 x 5-pin pluggable screw terminal	(Supplied)	