

PDEB

Ethernet Bridge



Specification Sheet

Gateways > Network Gateways



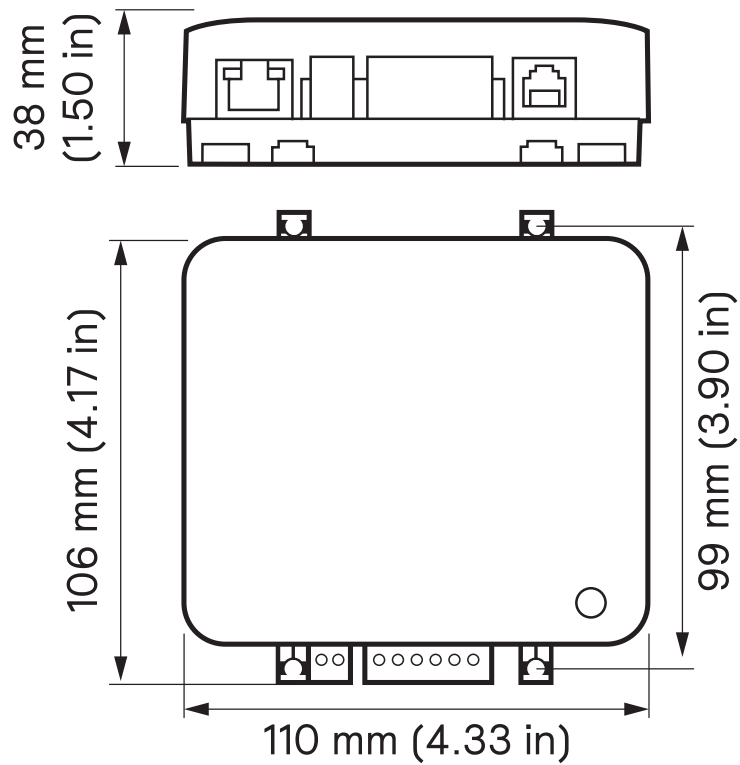
Inexpensive Ethernet integration

The Dynalite PDEB provides a standard Ethernet connection to the Dynalite lighting control system in applications ranging from road tunnels to hotel rooms. It provides bridging functionality between an Ethernet backbone and DyNet devices.

Key Features

- **Powerful custom task engine** – Allows users or third-party systems to run macros such as 'After Hours', 'Shut Down', 'Welcome', and more.
- **Versatile mounting options** – Hybrid mounting clips support installation in a DIN rail enclosure or on any flat surface.

Dimensions



Specifications

Electrical	
Supply Type	DyNet OR External regulated DC supply (SELV/Class 2)
Supply Voltage	12-24 VDC (power supply voltage must match network voltage)
DC Supply Current	300 mA @ 12 V 250 mA @ 24 V
DyNet Supply Current	100 mA @ 12 V 50 mA @ 24 V
DyNet DC Output Current	200 mA (if powered by external SELV/Class 2 supply)
IEC Overvoltage Category	III

Control	
Communication Ports	1 x RS-485 1 x Ethernet (10/100 baseT)
Supported Protocols	DyNet DMX TCP/IP (TCP, UDP) IPv4 IPv6
Dry Contact Inputs	1 (AUX)
User Controls	1 x service switch
Indicators	1 x service LED

Physical	
Dimensions	106 x 110 x 38 mm (4.17 x 4.33 x 1.50 in)
Packed Weight	0.21 kg (0.46 lb)
Construction	Low-profile DIN rail polycarbonate (6 unit)
Communication Ports	1 x RJ45 1 x RJ12 1 x 6-way pluggable screw terminal
Communication Terminal Conductor Size	0.3-2.5 mm² (#22-12 AWG)
Supply Terminals	1 x 2-way pluggable screw terminal
Supply Terminal Conductor Size	0.3-2.5 mm² (#22-12 AWG)

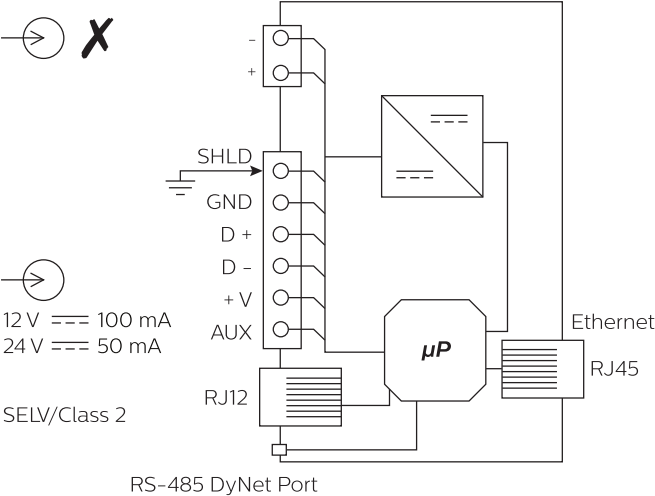
Environment	
Operating Temperature	-20° to 50°C ambient (-4° to 122°F)
Storage/Transport Temperature	-25° to 70°C ambient (-13° to 158°F)
Relative Humidity	≤90% non-condensing
IEC Pollution Degree	II
Installation Note	For indoor installation only

Compliance	
Certifications	CE, RCM, UL/cUL, FCC, ISED, UKCA, RoHS

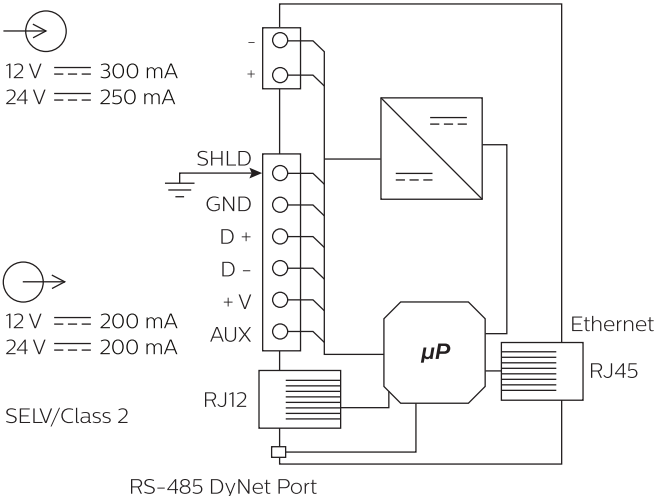


Electrical Drawing

DyNet Supply



DC Supply



Ordering Codes

Product	12NC
PDEB	913703240009

Accessory		12NC
DDNP1501	Network Power Supply	913703130509