

Specification Sheet

Gateways > Network Gateways



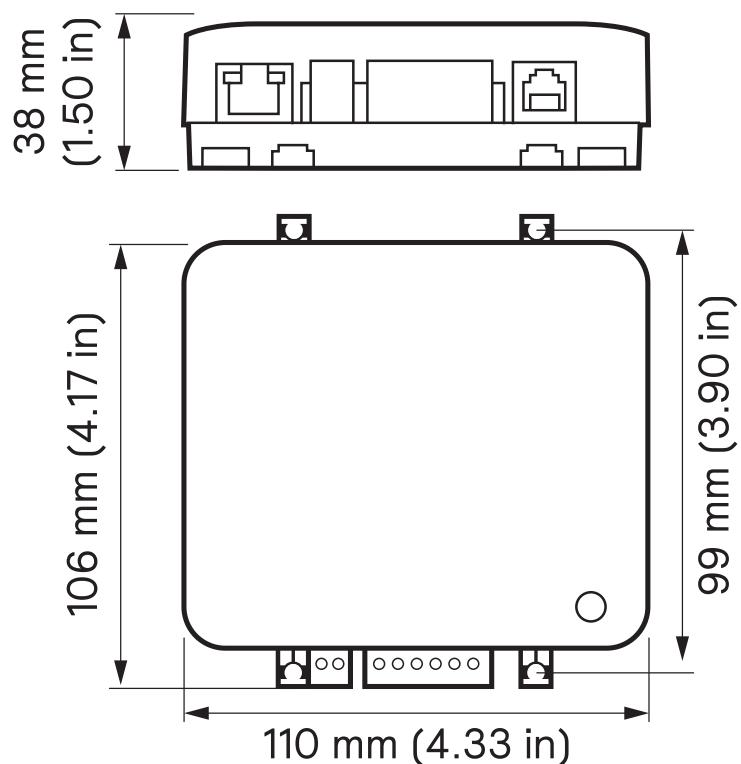
Inexpensive Ethernet integration

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



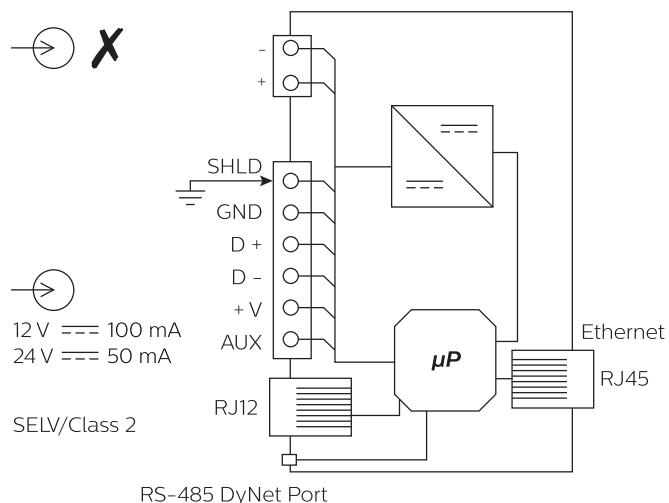
Specifications

Electrical		Physical	
Supply Type	DyNet OR External regulated DC supply (SELV/Class 2)	Dimensions	106 x 110 x 38 mm (4.17 x 4.33 x 1.50 in)
Supply Voltage	12-24 VDC (power supply voltage must match network voltage)	Packed Weight	0.21 kg (0.46 lb)
DC Supply Current	300 mA @ 12 V 250 mA @ 24 V	Construction	Low-profile DIN rail polycarbonate (6 unit)
DyNet Supply Current	100 mA @ 12 V 50 mA @ 24 V	Communication Ports	1 x RJ45 1 x RJ12 1 x 6-way pluggable screw terminal
DyNet DC Output Current	200 mA (if powered by external SELV/Class 2 supply)	Communication Terminal Conductor Size	0.3-2.5 mm ² (#22-12 AWG)
IEC Overvoltage Category	III	Supply Terminals	1 x 2-way pluggable screw terminal
Control		Supply Terminal Conductor Size	0.3-2.5 mm ² (#22-12 AWG)
Communication Ports	1 x RS-485 1 x Ethernet (10/100 baseT)	Environment	
Supported Protocols	DyNet DMX TCP/IP (TCP, UDP) IPv4 IPv6	Operating Temperature	-20° to 50°C ambient (-4° to 122°F)
Dry Contact Inputs	1 (AUX)	Storage/Transport Temperature	-25° to 70°C ambient (-13° to 158°F)
User Controls	1 x service switch	Relative Humidity	≤90% non-condensing
Indicators	1 x service LED	IEC Pollution Degree	II
Installation Note		Compliance	
For indoor installation only		Certifications	CE, RCM, UL/cUL, FCC, ISED, UKCA, RoHS

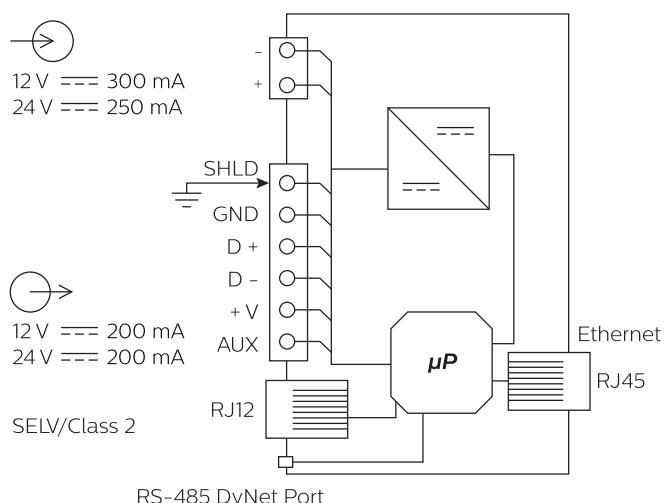


Electrical Drawing

DyNet Supply



DC Supply



Ordering Codes

Product	12NC
PDEB	913703240009

Accessory	12NC
DDNP1501	Network Power Supply