



# DDNG100BT Ethernet Gateway

The Dynalite DDNG100BT provides cost-effective integration between Philips Dynalite control systems and Ethernet networks. It is designed to provide remote control of sites and link multiple sites together, using the Internet or a corporate LAN as a backbone. The device supports the TCP/IP protocol, with static or DHCP assigned IP addressing. Routing Mode links multiple DDNG100BT's together in point-to-point or broadcast modes. An integral webserver allows Browser based control scenarios. The interface incorporates a Programmable Logic Controller that can process comprehensive conditional and sequential logic and arithmetic functions. The DDNG100BT is capable of routing DyNet to third-party systems, such as audio-visual and building automation systems, providing an integrated approach to total building control and energy management.

## technical data >>>



#### vlaguS

230V  $\pm$ 14% 50/60Hz Single Phase at < 0.1A

#### **Serial Ports**

1 x RS485 DyNet serial port 1 x 10/100BaseT Ethernet port

## **Supported Ethernet Protocols**

TCP/IP (TCP & UDP)

HTTP FTP Telnet

Encryption: AES - 256 bit

### **DyNet DC Supply**

12V @ 90mA

#### **Supply Terminals**

Phase, Neutral 1 x 4mm<sup>2</sup> max conductor size DNG100BT - Earth link bar provided

### **Serial Port Terminals**

DyNet RS485: Shield, GND, D-, D+, +12V All available on screw terminals 1 x 2.5mm<sup>2</sup> max conductor size Also available on RJ12 socket

#### Ethernet:

Female RJ45 socket

## Diagnostic Functions

Device Online/Offline status

#### Compliance

CE, C-Tick

#### **Operating Environment**

 $0^{\circ}$  to  $50^{\circ}$ C ambient temperature 0% to 95% RH non-condensing

#### **Storage and Transport**

-25 to 60°C ambient temperature 0% to 90% RH non-condensing

#### Construction

Polycarbonate DIN-rail enclosure (12 unit)

#### **Dimensions**

H 93mm x W 211mm x D 75mm

#### Weight

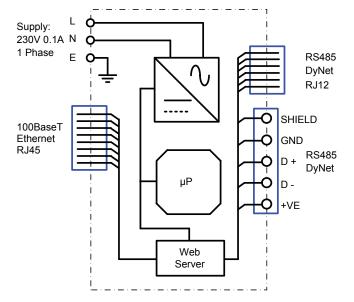
Packed weight 0.86kg

# **PHILIPS**

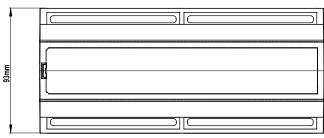


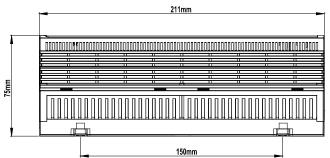
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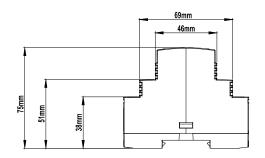
# electrical diagram )))



# mounting dimensions >>>







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## For further information contact: