

The Philips Dynamalite DMNG100BT provides cost effective integration between Philips Dynamalite 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 DMNG100BT'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 DMNG100BT is housed in a small stand-alone enclosure that is an ideal size for installation behind racked equipment. The device is powered from the DyNet network and does not require to be supplied by mains voltage.

technical data 



**Supply**

15V DC supplied by the DyNet network at 200mA

**Serial Ports**

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

**RS485 Port Connections**

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 Port Connections**

Female RJ45 socket

**Supported Ethernet Protocols**

TCP/IP (TCP & UDP)  
HTTP  
FTP  
Telnet

**Data Security**

AES - 256 bit

**User Controls**

Service Switch  
Diagnostic LED

**Internal Controls**

Programmable Logic Controller

**Operating Environment**

0° to 50°C ambient temperature  
0% to 95% RH non condensing

**Compliance**

CE, C-Tick

**Enclosure**

ABS plastic

**Dimensions**

H 30mm x W 80mm x D 150mm

**Weight**

Packed weight 0.15kg

electrical diagram >>>

mounting dimensions >>>

