

The Dyalite DDNG100BT provides cost-effective integration between Philips Dyalite 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 >>>



Supply

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 4mm² 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 2.5mm² 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° to 50°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)

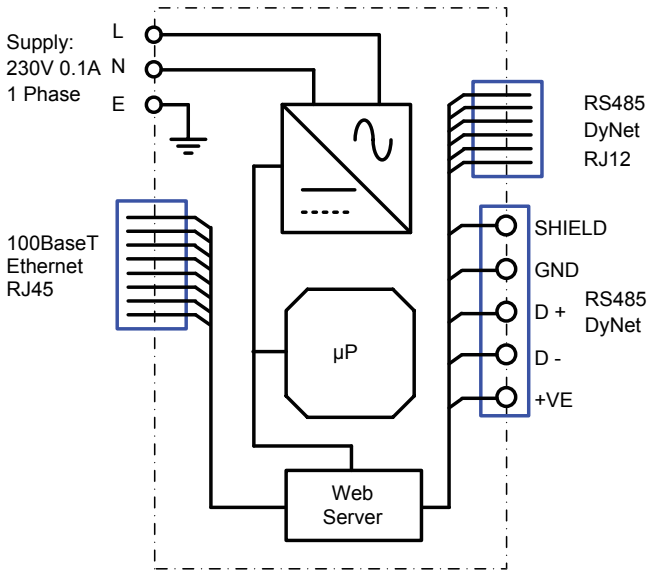
Dimensions

H 93mm x W 211mm x D 75mm

Weight

Packed weight 0.86kg

electrical diagram >>>



mounting dimensions >>>

