dynalite (1)

DDN1485 Network Passive Gateway

The Philips Dynalite DDNI485 is designed for cost-effective optical isolation of DyNet RS485 networks. The two opto-isolated RS485 ports enable the DDNI485 to implement a trunk and spur topology, with each spur being electrically isolated from the others so a fault in one section of the network will be contained. It is a "passive" device that does not require programming.

technical data }}



Supply

12V DC 30mA from the DyNet Network, fed via Port 1

Control Ports

2 x RS485 DyNet/DyNet II serial ports

Serial Port Isolation

2.5KV surge rated optical isolation between ports

Serial Port Terminals

Port 1:

SHIELD, GND, D+, D-, +12V 1 x 2.5mm² max conductor size 1 x RJ12 socket for plug in connection

Port 2:

SHIELD, GND, D+, D-, +12V 1 x 2.5mm² max conductor size 1 x RJ12 socket for plug in connection

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 (6 unit)

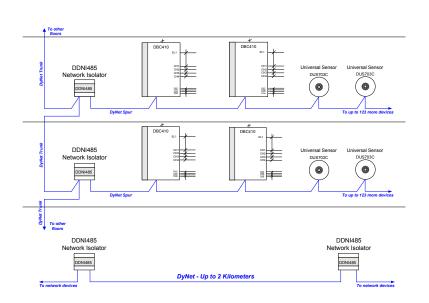
Dimensions

H 93mm x W 105mm x D 75mm

Weight

Packed weight 0.2kg

topology examples >>>

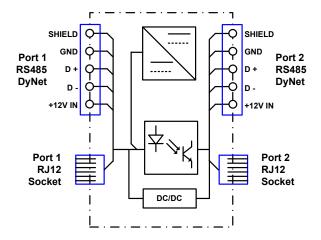


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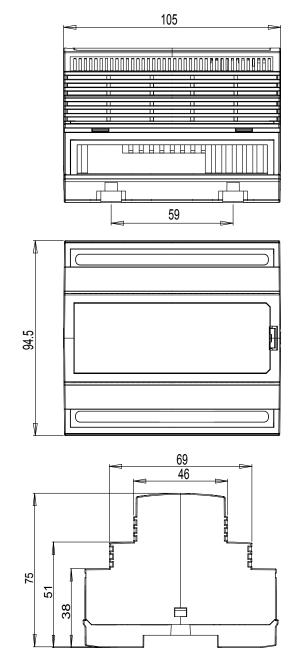


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electrical diagram)))



mounting dimensions >>>



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