

ProtoPixel DALI Gateway

Overview

The ProtoPixel DALI Gateway is compatible with DALI2 (DT6, DT7, DT8) and allows control over 64 control gears and 64 input devices, guaranteeing a maximum current of 240mA on the DALI bus output.

- Physical push-button to check the status of the installation (Broadcast)
- Indicator LEDs for power and DALI status
- Protection and detection against short circuits
- Up to 100 meters between ProtoPixel DALI Gateways
- Up to 50 gateways in a single DALI installation

You can find more resources at our [Zendesk Help Center](#)

Dimensions

Width	54 mm
Depth	60 mm
Height	90 mm
3 Module DIN Standard	

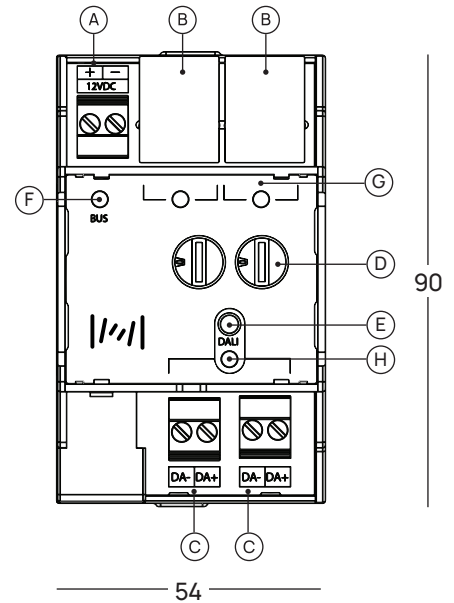
Wiring

3 Pluggable terminal block (2 Ways)	Max. Section 2.5mm
-------------------------------------	--------------------

The cable used in ProtoPixel DALI Gateway must be Ethernet category 5 or higher, with crossover configuration.

Environmental

Operating Temperature	0°C to 50°C
IP Rating	IP20



- A Power Input
- B Bus Communication Ports
- C DALI Communication Terminals
- D Address Selector
- E Button (30 seconds for factory reset)
- F Bus LED
- G Ethernet LED
- H DALI Bus LED

Status Indicators	Fixed	Blinking
Bus LED (F) *	Power Supply ON	Power Supply + Communications ON
*The device is identified by a rapid blinking for 10 seconds.		
Ethernet LED (G)	Flashes when receiving/sending each data frame.	
DALI Bus LED (H) **	Power Supply ON	Power Supply + Communications ON
**Rapid blinking (300 ms) indicates that the bus scanning process is active		

Power

Input Voltage	12 VDC +/-10%
Input Current	1 A Max.
Output Voltage	19 VDC
Output Current	250 mA max.

System Architecture

