

DALI2-FORREST

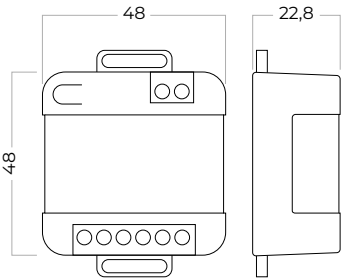
Pixel-to-Pixel 3-wire LED strip generator

TECHNICAL FEATURES

- Pixel-to-Pixel LED strip controller with programmable “RUN” effect
- Show start and stop via an isolated N/O button or a home automation switch/relay
- Show control and dimming via DALI2 DT6, phase cut, active and passive 0/10V–1/10V, 47K potentiometer, sensor, remote push button with proprietary wireless protocol
- Suitable for use with all home automation systems available on the market
- Compatible with Pixel to Pixel SPI LED strips
- Strip length, direction and speed programmable via the Newlab Forrest app
- DMX512 output
- **Power supply status indicator LED**
- Power and output terminals: 0.05–3 mm² (30–12 AWG)
- Protection against: reverse polarity, open circuit, voltage spikes
- Input power supply: 5/12/24/48 V DC, 15 A max
- **UL-approved printed circuit board**
- Configuration via Bluetooth Low Energy and the Forrest control app, available for iOS and Android
- ARTNET to SPI/DMX converter mode (512 channels)



48x48x22,8 mm
weight: 35 gr



SAFETY WARNINGS

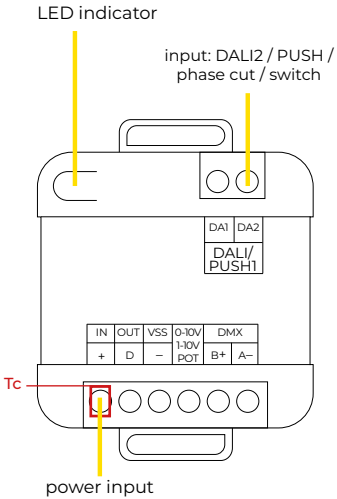
- Storage temperature: min: -40°C, max: 60°C
- Operating temperature: min: -20°C, max: 45°C
- Maximum Tc point: 55°C
- Tc is located on the terminal screw marked IN+

DALI2-FORREST is Newlab's dimmer designed for controlling multi-input pixel-to-pixel LED strips.

Supported data transmission protocols:
WS2811, WS2812, WS2814, WS2801, WS2808, WS2813, WS2814, WS2815, WS2818, WS2851, GS8208, GS8206, SK6805, SK6812, SK6813, SK688, SK6822, UCS1904, UCS2903, UCS2904, UCS7804, UCS8903, UCS8904.

You can set the control parameters for the LED strips by selecting them from a preconfigured list tested by Newlab, or manually, choosing the protocol type and colour mode compatible with the installed LED strip.

figure A



CODE	VOLTAGE RANGE	INPUT	LOAD TYPE	PART NUMBER
DALI2-FORREST	5÷48 V DC	DALI2 / PUSH / PHASE CUT / 0-10V / 1-10V / POTENTIOMETER / REMOTE PUSH BUTTON / ARTNET	led strip Pixel to Pixel 3-wire DMX512	L865MA0F51A01

Maintenance: The appliance is maintenance-free.
Use a dry cloth to clean it.
The use of solvents or other aggressive substances should be avoided at all costs.

Disposal: at the end of its useful life, the product described in this data sheet is classified as waste from electronic equipment according to the European Directive 2012/19/EU (WEEE recast), implemented in Italy with Legislative Decree no. 49 of 14 March 2014, and cannot be disposed of as unsorted municipal solid waste. **Important:** Improper disposal of the product may cause serious harm to the environment and human health. For proper disposal, inquire about the collection and treatment methods provided by the local authorities.