



LUXLINK[®] Ethernet2dali RS232 AV Interface

Part Number – Link/E2daliAV

The Luxlink Ethernet2dali RS232 AV Interface is Din Rail mounted and suitable for linking a serial port of Personal Computer or AV systems such as Crestron/AMX to an Ethernet2dali network for control of control system lighting groups using RS232 codes to mimic Scene Plate button presses.

The Interface enables external devices to have basic control over the Lighting Control System and make basic queries on system status. For this purpose Luxonic provides full documentation on system commands.

The AV Interface has full optical isolation between the system and the serial RS232 port.

Product Features and Connectivity:

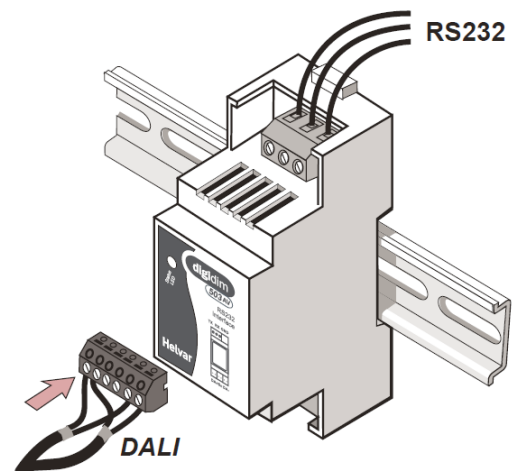
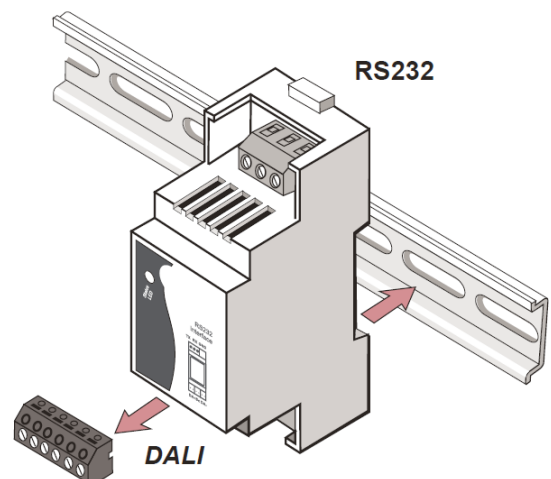
- Status LED
- Bi-directional serial interface for basic system monitoring & control
- Terminal blocks for DALI and RS232 wiring
- Din-rail mounted
- Small, compact size
- Operates on power provided by the DALI network

Installation Notes:

- For installation in a restricted access location only
- Isolate the circuit before installation
- All DALI cabling must be 230V rated
- Connect the AV Interface directly to the serial port of the external device

Application:

- System control from a graphical PC software application, for example in a presentation suite
- Interfacing to high end LCD touch panels/Screens (including AMX, Crestron) for architectural applications



Data subject to change without notice, E & OE, Revision B – 09/06/2016



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Technical Data

Connection

DALI: Standard Luxlink DALI removable connector with paired terminals 0.5mm² – 1.5mm² solid or stranded

RS232 Cable: Up to 4mm² solid core or up to 2.5mm² stranded

Power

DALI Consumption: 15mA

Operating Conditions

Ambient Temp: 0...40°C

Relative Humidity: 90% Max. non-condensing

Storage Temp: -10...+70 °C

Mechanical Data

Housing: Din-rail case 35mm wide

Weight: 80g

Conformity

EMC: Emission EN55 015, Immunity EN61 547

Safety: EN60950

IP Rating: IP30

Isolation: 4kV

Environment

Complies with WEEE and RoHS directives

