



LUXLINK[®] DALI 8-Output Relay Module

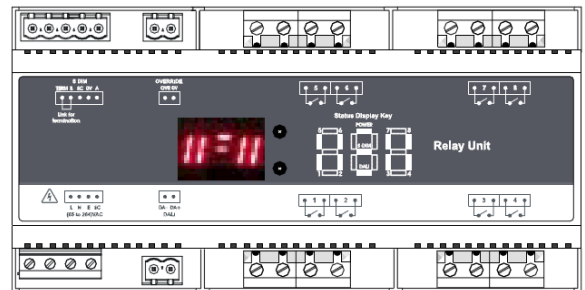
Part Number – Link/DaliRM8

The Luxlink DALI Relay Module is a din-rail mounted, panel based load interface unit normally installed at the electrical distribution cupboard. The product offers 8-addressable volt-free relays for control via Luxlink DALI lighting control devices such as DALI Multi-Sensors, switches (connected to a DALI Input Unit), DALI Scene Panels, etc. as part of a Luxlink DALI Lighting Management System. This product is ideal for interfacing non-dimming, non-DALI loads such as standard HF luminaires to DALI networks in core areas such as corridors, toilets and stairs

Like DALI HF ballasts, the Relay Unit can be programmed to exist in up to 16-groups and recall 16-on/off scenes/relay (much greater capability when used on Luxlink Ethernet2dali systems)

Product Features and Connectivity:

- 8-Relays, 10A inductive, high inrush
- Individually programmable relays, volt-free and normally open
- Each relay pair is internally isolated and can be connected to a separate phase
- Intuitive LED display and push buttons for channel status
- Programmable via the Luxlink DALI Software
- Din-rail mounted
- Small, compact size



Installation Notes:

- This Module is for use with non-dimmable loads up to 10A inductive max.
- The external mains supply to the unit must be protected. It is recommended that a 4A MCB is used
- All cabling must be rated at 230V

Application:

This product is ideal for building areas where non-dimming loads are required to be switched as part of a Luxlink DALI Lighting Management System. Corridors, toilet, stair and external area lighting can be controlled via any of the Luxlink DALI control devices. Any lighting connected to this device can be programmed for Corridor linking.

Family Products (Distribution cupboard based):

Link/DaliDSI/1-10V	Luxlink DALI to DSI/1-10V Converter, Din Rail Mounted
Link/DaliBC	Luxlink DALI Blind Controller, Din Rail Mounted
Link/DaliSolaC	Luxlink Dali Solatube Controller, Din Rail Mounted

Custom made panels to include 3-phase isolator, switchgear, contactors and the above products can be custom built to order

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



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Technical Data

Relay Loads

Resistive: 10A
 Incandescent: 10A
 Inductive: 10A (HID - $\cos \phi = 0.6$)
 HF Electronic ballasts: See manufacturers data

Connection

DALI: Standard Luxlink DALI removable connector with paired terminals $0.5\text{mm}^2 - 2.5\text{mm}^2$ solid or stranded

Mains: Up to 4mm^2 solid core or up to 2.5mm^2 stranded

Note: If equipment is used in an electrically noisy environment the DALI cable should be screened and connected to the earth

Power

Mains Supply: 220-240 VAC, 50-60Hz
 DALI Supply Output: None
 DALI Consumption: 2mA

Operating Conditions

Ambient Temp: $0 \dots 40^\circ\text{C}$
 Relative Humidity: 90% Max. non-condensing
 Storage Temp: $-10 \dots +70^\circ\text{C}$

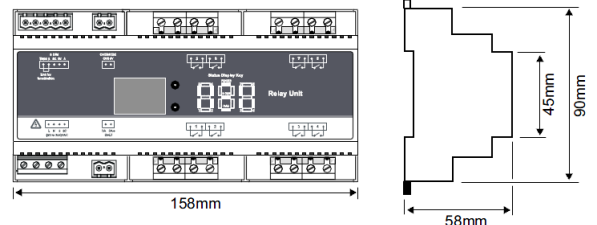
Mechanical Data

Housing: Din-rail case 158mm wide
 Weight: 400g

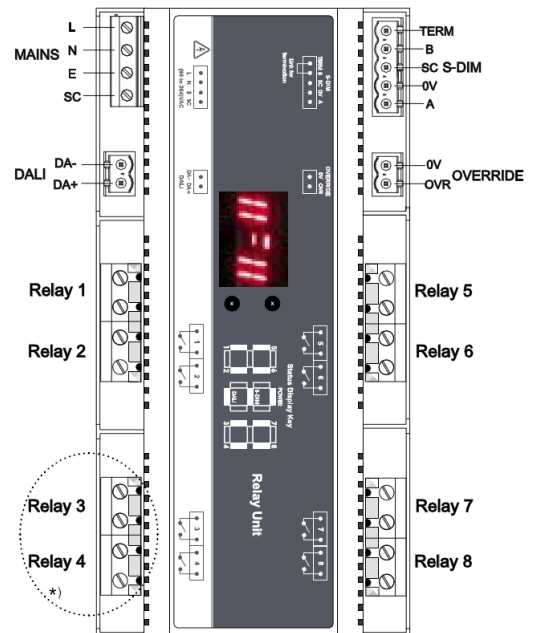
Conformity

EMC: Emission EN55015, Immunity EN61547
 Safety: EN60950
 IP Rating: IP30
 Isolation: 4kV

Dimensions



Connections



*) Neighbouring relay terminals (1&2, 3&4, 5&6 and 7&8) must be connected to same phase