DALI Input Unit

DALI input unit with 4 user inputs

Key Features
- Powered from DALI bus, compatible with standard DALI rating
- Up to four user inputs
- DALI consumption < 9 mA
- Suitable for inclusion into all standard size back boxes
- CE compliant to all relevant standards
- Designed and manufactured to ISO9001:2015 standards.

Cable colours
- Purple: Input 1
- Blue: Input 2
- Green: Input 3
- Yellow: Input 4
- Orange: COM
- Red: DALI bus
- Brown: DALI bus

Overview
The DALI Input Unit is a fully DALI-compatible interface, designed to allow customer specified switches, sensors, time clocks or other on/off control devices to be incorporated into a standard DALI installation. The DALI Input Unit is a small, pre-wired, encapsulated PCB module and it is suitable for inclusion into all standard size back boxes together with a suitable mains rated switch.
**Function**

DALI Input Unit detects short-circuit connection between wires Input 1-4 and COM. Module is designed to be used with standard push buttons – short-circuit connection is the active state.

DALI Input Unit is a DALI powered device therefore external DALI power supply has to be connected on the DALI line.

Note: The push buttons used as input devices for DALI Input Unit must have mains rating (DALI bus provides basic insulation only).

**Technical Information**

**Connections**
- Mains cable: Wires AWG 24 (0.5mm²)
- DALI cable: Wires AWG 24 (0.5mm²)

**Power**
- DALI voltage: 12-25VDC
- DALI consumption: <9mA

**Control Inputs**
- Voltage range: Open 5VDC / closed max. 0.3VDC
- Current range: Max. 1mA

**Mechanical data**
- Housing: Encapsulated PCB
- Weight: 10g

**Operating conditions**
- Ambient temp. range: 0°C - +40°C
- Relative humidity: 85% (non-condensing)
- Storage temp. range: -40°C - +70°C

**Dimensions**
- Cable length: 158mm* (Do not extend cables)
- Width: 41mm
- Height: 20mm
- Depth: 4mm

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**Contact your local Eaton office**

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