



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.

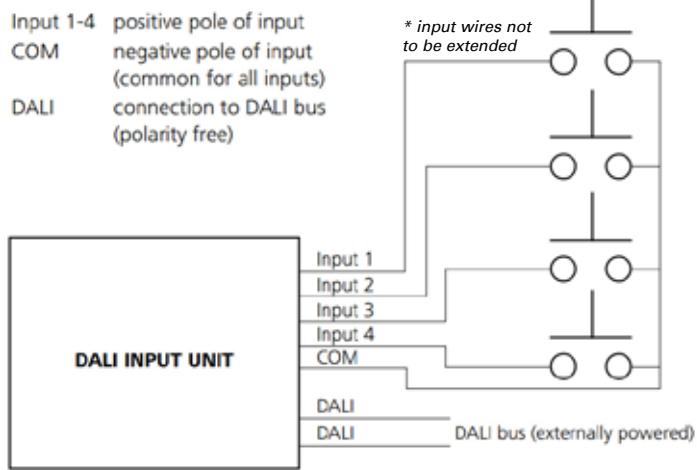
Function

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).

Wiring Diagram



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

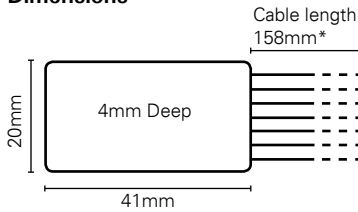
Mechanical data

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



*Do not extend cables

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