DIGIDIM Mini Input Unit (444)

The Mini Input Unit is a DALI-compatible interface, designed to allow customer specified switches, sensors, time clocks or other on/off control devices to be incorporated into a DIGIDIM lighting control system.

The Mini Input Unit is a small, prewired, encapsulated printed circuit board and is suitable for inclusion into all standard size back boxes together with a suitable mains-rated switch.

Key Features

- Preconfigured with touch dimmer inputs for two groups.
- Fits into all standard size back boxes and architrave style back boxes.
- Touch dimming with a momentary push switch.
- Can be used with momentary or latching switches.
- Fully programmable using DIGIDIM Toolbox software.

A Mini Input Unit used with a four-gang mains switch in a single-gang back box.
Technical Data

Connections

Inputs: 4 inputs (active low)
COM Input Ground

Overload protection: ± 7 V

Short-circuit current: 0.5 mA maximum

Debounce period: 50 ms

Voltage-free switched inputs: 5 V nominal with switch open, must be less than 0.3 V with switch closed.

Isolation: No isolation from DALI network: switches must provide user protection.

Cable requirements

DALI: DALI Ribbon cable terminated with 1.2 mm ferrules.

Cable length 170 mm

Caution: Do not increase the length of the wires. This can cause interference problems.

Power

DALI supply output: None (Use external DALI power supply.)

DALI consumption: 10 mA

Mechanical data

Dimensions: Encapsulated printed circuit board

Weight: 10 g

IP code: IP20

Mounting: For installation in a suitably enclosed location only.

Operating conditions

Ambient temperature: 0 °C to +40 °C

Relative humidity: Max. 90 %, noncondensing

Storage temperature: −10 °C to +70 °C

Conformity and standards

EMC emission: EN 55015

EMC immunity: EN 61547

Safety: EN 61347-2-11

Environment: Complies with WEEE and RoHS directives.

Default Functions

- Common Brown
- 1 Scene 1 Recall/Store Red
- 2 Scene 2 Recall/Store Orange
- 3 Scene 3 Recall/Store Yellow
- 4 Touch Last level Green
- DALI (+) Blue
- DALI (−) Violet

Dimensions (mm)

[Diagram of dimensions]