

DIGIDIM Mini Input Unit (444)

The DIGIDIM 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 mainsrated 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.

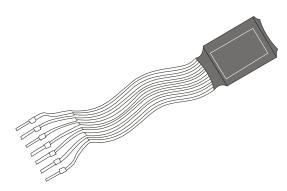
Installation Notes

- All switches and cables must be mains rated.
- To avoid interference problems, the four prewired switch connections and the common lead should not be increased in length.
- Cannot be used to interconnect multiple DALI networks.
- DIGIDIM Mini Input unit.



freedom in lighting

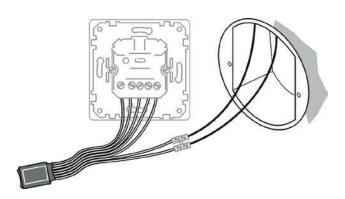




DIGIDIM Mini Input unit

Connection Details

The diagram below illustrates a Mini Input Unit being used with a four-gang mains switch in a single-gang back box.





Technical Data

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Connections

Inputs: 4 inputs (active low)

COM Input Ground

Overload protection: $\pm 7 \ \lor$

Short-circuit current: 0.5 mA maximum

Debounce period: 50 ms

Voltage-free switched 5 V nominal with switch open,

inputs: 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

Operating conditions

Ambient temperature: 0 °C to +40 °C

Relative humidity: Max. 90 %, noncondensing

Storage temperature: $-10 \, ^{\circ}\text{C}$ to $+70 \, ^{\circ}\text{C}$

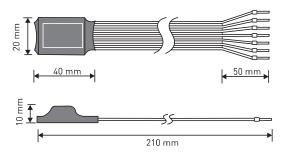
Conformity and standards

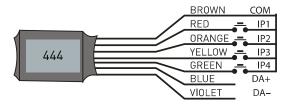
EMC emission: EN 55015
EMC immunity: EN 61547
Safety: EN 60950

Environment: Complies with WEEE and RoHS

directives

Dimensions





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