

## 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.

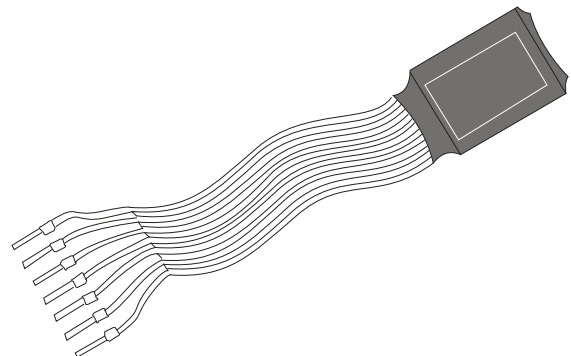
The Mini input Unit is a small, prewired, encapsulated printed circuit board and is suitable for inclusion into all standard size back boxes together with a suitable mains-rated switch.

### 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.

### Installation Notes

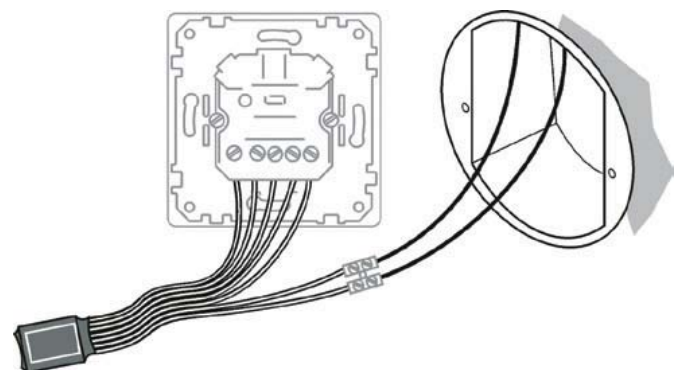
- All switches and cables must be mains rated.
- To avoid interference problems, the four prewired switch connections and the common lead should not be increased in length.
- Cannot be used to interconnect multiple DALI networks.
- DIGIDIM Mini Input unit.



**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

### Connections

<b>Inputs:</b>	4 inputs (active low) COM Input Ground
<b>Overload protection:</b>	$\pm 7$ V
<b>Short-circuit current:</b>	0.5 mA maximum
<b>Debounce period:</b>	50 ms
<b>Voltage-free switched inputs:</b>	5 V nominal with switch open, must be less than 0.3 V with switch closed
<b>Isolation:</b>	No isolation from DALI network: switches must provide user protection

### Cable requirements

<b>DALI:</b>	DALI Ribbon cable terminated with 1.2 mm ferrules.
<b>Cable length</b>	170 mm <i>Caution: Do not increase the length of the wires. This can cause interference problems.</i>

### Power

<b>DALI supply output:</b>	None (Use external DALI power supply.)
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<b>DALI consumption:</b>	10 mA
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### Mechanical data

<b>Dimensions:</b>	Encapsulated printed circuit board
<b>Weight:</b>	10 g
<b>IP code:</b>	IP20

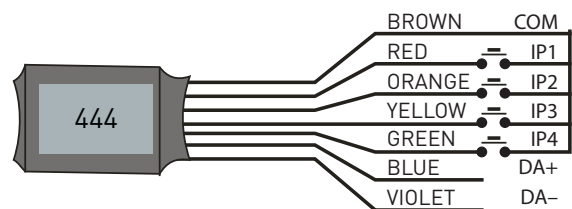
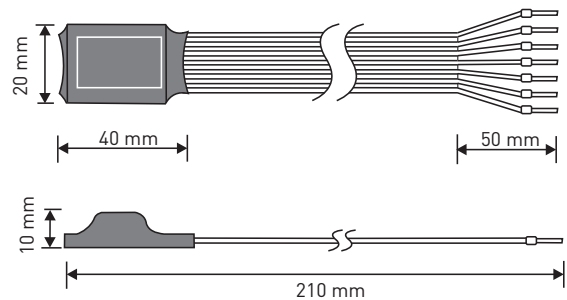
### Operating conditions

<b>Ambient temperature:</b>	0 °C to +40 °C
<b>Relative humidity:</b>	Max. 90 %, noncondensing
<b>Storage temperature:</b>	-10 °C to +70 °C

### Conformity and standards

<b>EMC emission:</b>	EN 55015
<b>EMC immunity:</b>	EN 61547
<b>Safety:</b>	EN 60950
<b>Environment:</b>	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