

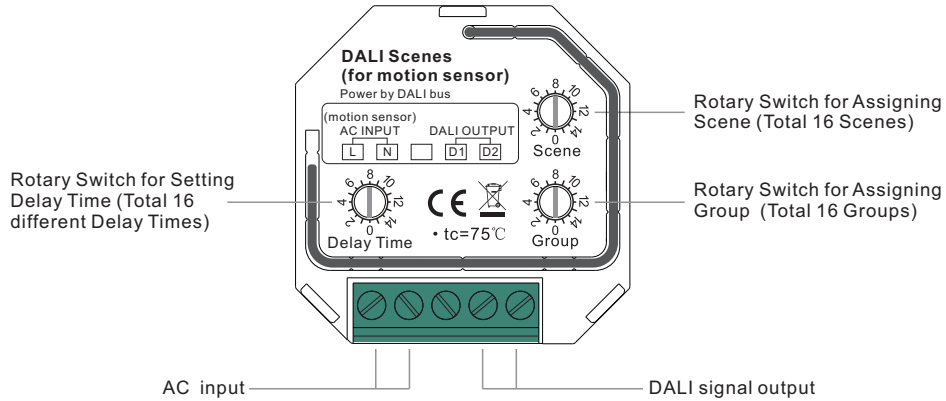
# DALI Scene Controller for Motion Sensor

09.2402K8S8.04790



**Important:** Read All Instructions Prior to Installation

## Function introduction



## Product Data

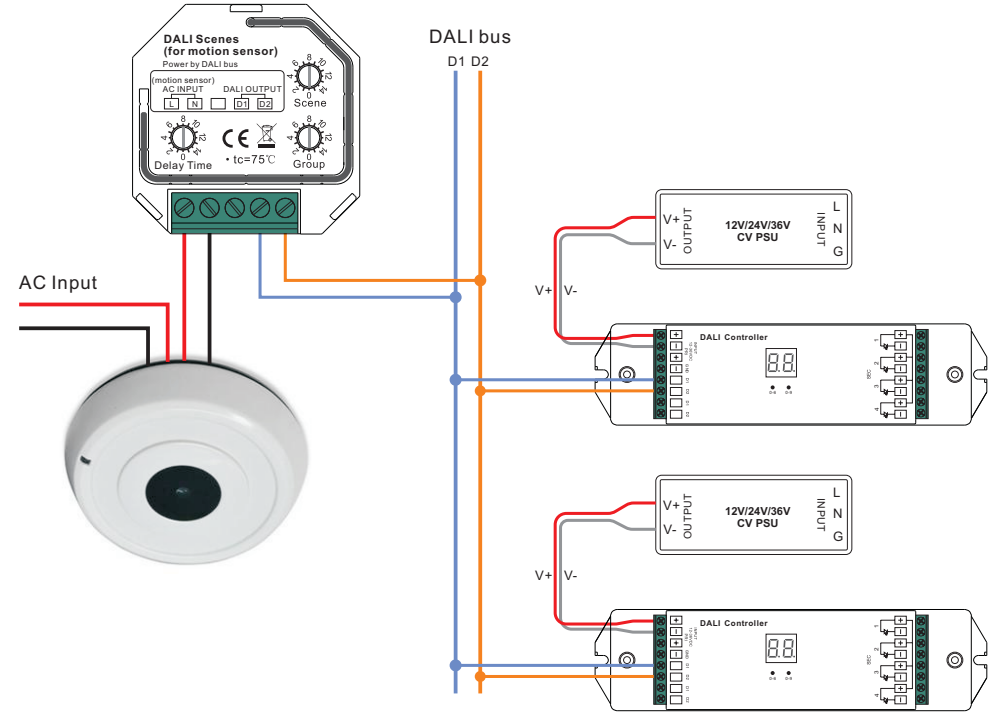
|                       |                    |
|-----------------------|--------------------|
| Output                | DALI signal        |
| Power Supply          | Supply By DALI Bus |
| Operation Current     | 4mA                |
| Operating temperature | 0-40°C             |
| Relative humidity     | 8% to 80%          |
| Dimensions            | 45.5x45x20.3mm     |

- Control up to 16 different groups.
- Control all devices on DALI circuit through broadcast.
- Control up to 16 scenes.
- 16 different delay times, settable from 0 to infinity.
- Can connect with different motion sensors.
- Waterproof grade: Ip20

## Safety & Warnings

- DO NOT install with power applied to device.
- DO NOT expose the device to moisture.

## Wiring Diagram



## Operation

**1. Do wiring according to connection diagram correctly.**

**2. Set starting Group number via rotary switch on the back: (0-15 selectable)**

- This DALI scene controller enables Group selection commands to be sent to One Group of devices on the DALI circuit for Scene control. A rotary switch on the back is used to select Group you would like to control and set the starting Group number, and total 16 Groups (0-15) can be selected.
- When the rotary switch arrow position is at 0, all 16 Groups of devices will be selected for Scene control through broadcast.
- When the rotary switch arrow position is at X except 0 (1-15), Group X-1 of devices will be selected for Scene control.

For example: Rotary switch arrow at 1, Group 0 of devices will be selected. Rotary switch arrow at 15, Group 14 of devices will be selected.

Please refer to the detailed Group setting table as follows:

|                        |           |   |   |   |   |   |   |   |   |   |    |    |    |    |    |    |
|------------------------|-----------|---|---|---|---|---|---|---|---|---|----|----|----|----|----|----|
| Rotary Switch Position | 0         | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 |
| DALI Group Selected    | Broadcast | 0 | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9  | 10 | 11 | 12 | 13 | 14 |

### 3. Set starting Scene number via rotary switch on the back: (0-15 selectable)

• This DALI scene controller enables Scene selection commands for up to 3 Scenes to be sent to the selected Group on DALI circuit. The 3 scenes are triggered by the connected motion sensor:

When presence of human beings is detected within detection range, a scene S1 will be triggered.

After hold time, when absence of human beings is detected within detection range, a scene S2 will be triggered.

The scene S2 will last for a period depending on the selected Delay Time, when the delay time elapsed, a scene S3 will be triggered.

A rotary switch on the back is used to select Scenes you would like to control and set the starting scene number, and total 16 Scenes (0-15) can be selected.

• When the rotary switch arrow position is at X (0-15), S1 recalls DALI Scene X, S2 recalls DALI Scene X+1, and S3 recalls DALI Scene X+2.

For example: Rotary switch arrow at 0, S1 recalls Scene 0, S2 recalls Scene 1, and S3 recalls Scene 2. Rotary switch arrow at 15, S1 recalls Scene 15, S2 recalls Scene 0, and S3 recalls Scene 1.

Please refer to the detailed Scene setting table as follows:

| Rotary Switch Position | 0 | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8  | 9  | 10 | 11 | 12 | 13 | 14 | 15 |
|------------------------|---|---|---|---|---|---|---|---|----|----|----|----|----|----|----|----|
| Scene assigned to S1   | 0 | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8  | 9  | 10 | 11 | 12 | 13 | 14 | 15 |
| Scene assigned to S2   | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9  | 10 | 11 | 12 | 13 | 14 | 15 | 0  |
| Scene assigned to S3   | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 | 0  | 1  |

### 4. Set Delay Time

A rotary switch on the back is used to set Delay Time, and total 16 different delay times (0-15) can be selected. 0 stands for no delay, which means scene S1 will directly jump to scene S3 without S2 being recalled. 15 stands for infinity, which means the Delay Time is infinite and scene S2 will never jump to scene S3. The delay time selectable are as follows:

| Rotary Switch Position | 0  | 1  | 2  | 3   | 4   | 5    | 6      | 7      | 8      | 9      | 10     | 11     | 12      | 13      | 14      | 15       |
|------------------------|----|----|----|-----|-----|------|--------|--------|--------|--------|--------|--------|---------|---------|---------|----------|
| Delay Time             | 0S | 2S | 5S | 10S | 30S | 1Min | 10 Min | 20 Min | 30 Min | 40 Min | 60 Min | 90 Min | 120 Min | 150 Min | 240 Min | Infinity |