

# DALI Sensor Coupler E

## Luminaire Integrated DALI Coupler

Date: \_\_\_\_\_

Quantity: \_\_\_\_\_

Company: \_\_\_\_\_

Project: \_\_\_\_\_



### Works with

- Encelium X
  - ▶ DALI Wired



### Key Features & Benefits

- Suitable for daylight-dependent control
- Integrates with third-party sensors

The **DALI Sensor Coupler E** allows integration of external light and presence sensors into the Encelium X System.

The DALI Sensor Coupler E enables each sensor to be independently configured to best meet the needs of the facility.

The DALI Sensor Coupler E is suitable for luminaire integrated mounting and can also be mounted in a ceiling with the optional ECO CI Kit.

# DALI Sensor Coupler E Specifications

## SENSING AND CONTROL

### Sensing

- Third-party presence sensing via dry contact
- Third-party light sensing via 0-10V

### Control

- DALI Communication

### Number of Control Outputs

- 1

## ELECTRICAL

### Power Consumption

- 2 mA – DALI

### Input Voltage

- 230 VAC, 50/60 Hz

## ENVIRONMENTAL

### Operating Temperature

- -20° to 50°C (-4° to 122°F)

## PHYSICAL

### Dimensions (H x W x D)

- 21 x 30 x 118 mm (0.83 x 1.2 x 4.6 inches)

### Weight

- 50 g (1.8 oz)

### Housing Color

- White

### Housing Material

- Plastic

### Mounting Options

- Luminaire Integration
- Independent Ceiling Integration is optional and requires the purchase of ECO CI KIT

## WARRANTY

- For warranty details, refer to the full warranty documentation at [encelium.com](http://encelium.com)

## CERTIFICATIONS & SAFETY

### Approbations

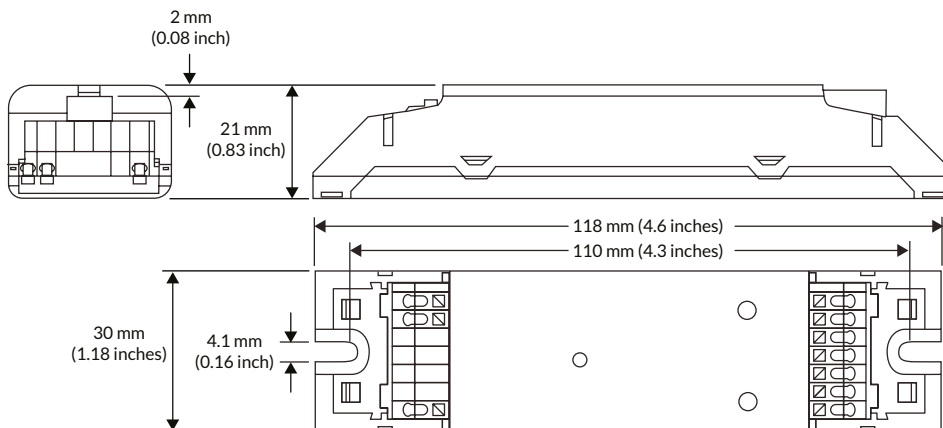
- CE

### Environmental Suitability

- IP20



## Dimensions



## ECO CI KIT Specifications

### PHYSICAL

#### Dimensions (H x W x D)

- ECO CI KIT installed on DALI Sensor Coupler E  
23 x 33 x 146 mm (0.9 x 1.3 x 5.7 inches)

#### Weight

- 20 g (0.7 oz)

#### Housing Color

- Green

#### Housing Material

- Plastic

#### Mounting Options

- Independent Ceiling Integration strain relief housing kit for WLC, DALI HF LS LI Coupler, and DALI Sensor Coupler E

### WARRANTY

- For warranty details, refer to the full warranty documentation at [encelium.com](http://encelium.com)

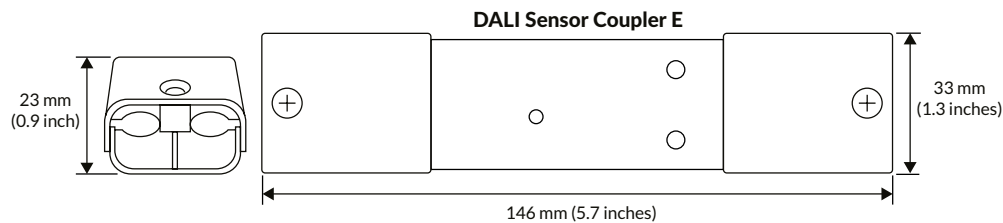
### CERTIFICATIONS & SAFETY

#### Approbations

- CE



## Dimensions



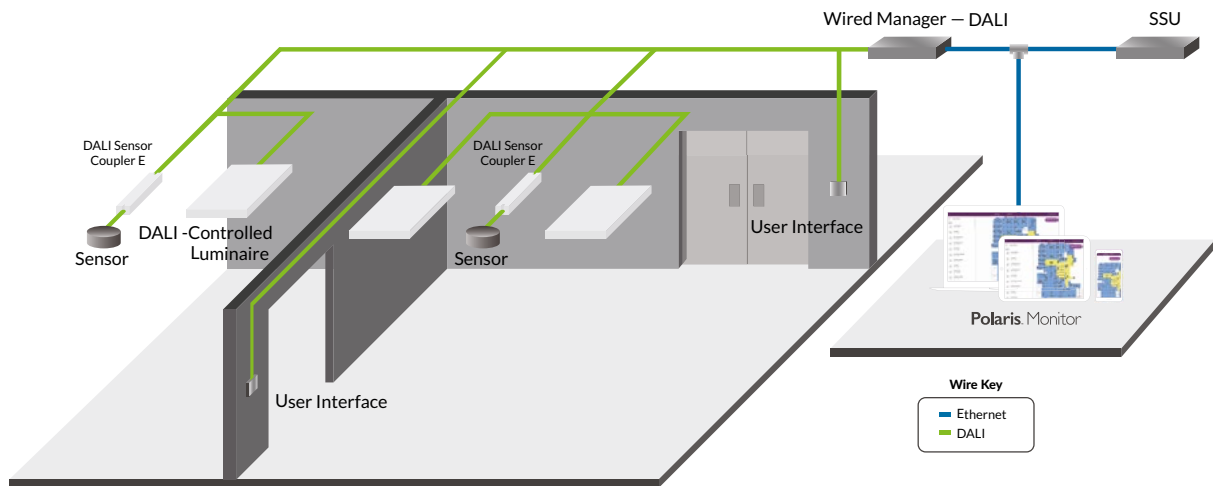
## Ordering Information

Ordering Code	Description	Approbations	Communication Network
4052899230491	DALI Sensor Coupler E	CE	DALI
4008321392091	ECO CI KIT	CE	—

Note: The ECO CI KIT is sold separately and required for independent ceiling mount installations only.

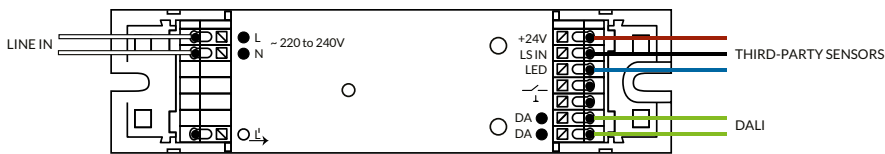
## Wired System Overview

Encelium Extend enables you to control DALI devices. With any Encelium wired design, you get a reliable, lighting control system that can be installed quickly and easily.

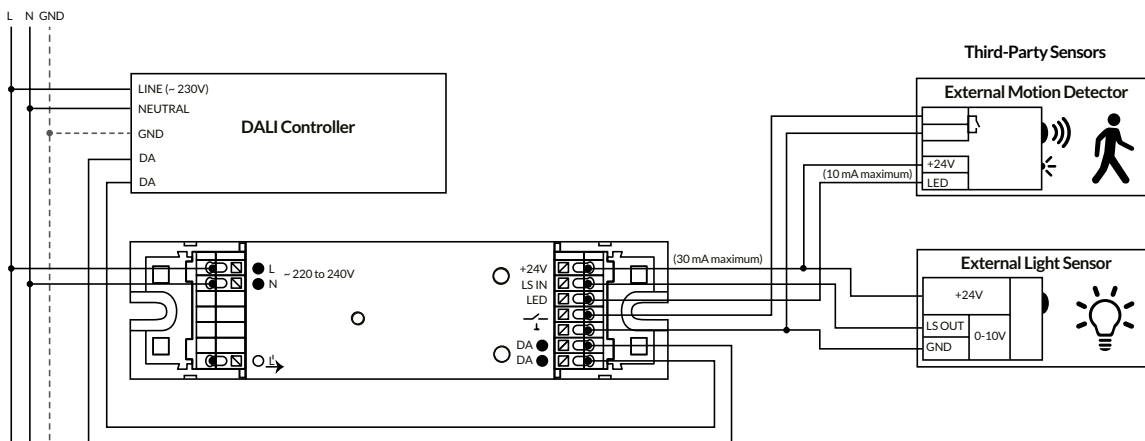


## Wiring Diagrams

### DALI Sensor Coupler E Wiring

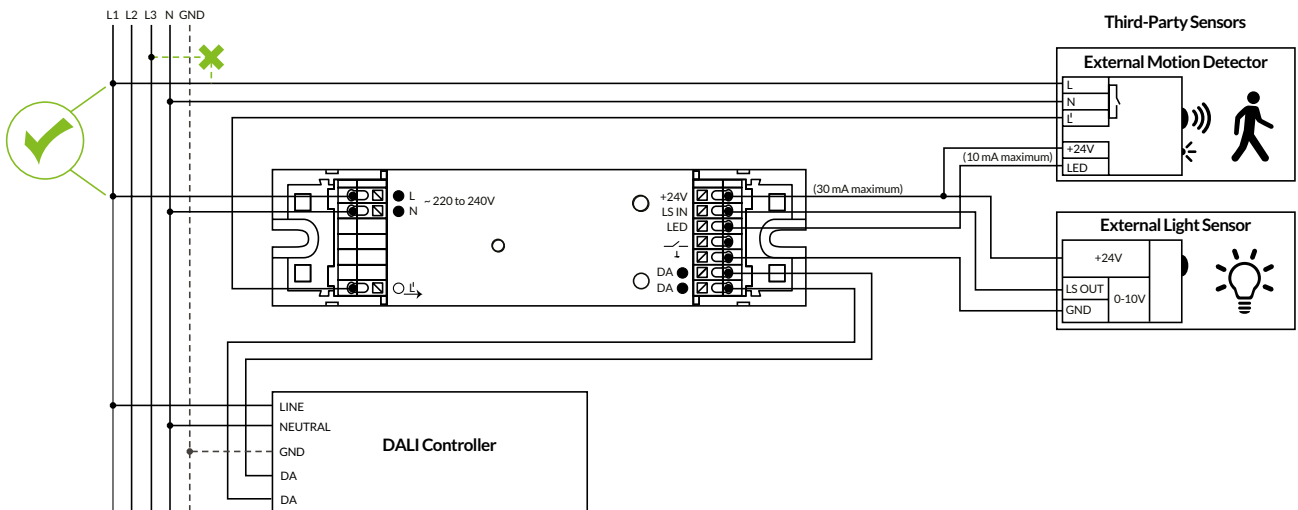


### External Motion Detector with Floating Contact Wiring



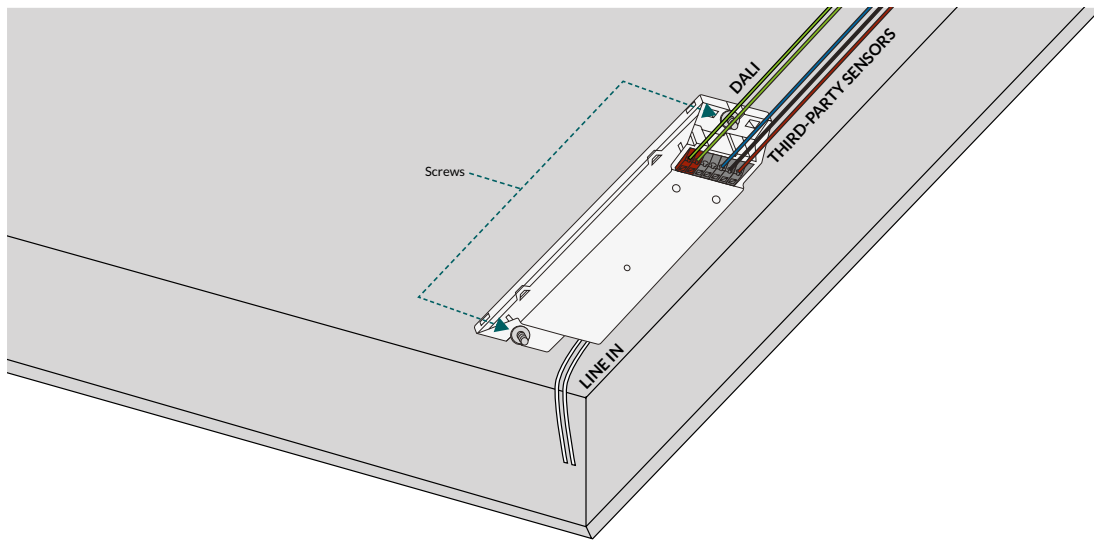
## Wiring Diagrams (cont.)

### External Motion Detector with Switched Mains Wiring



## Mounting Options

### Luminaire Integration



### Independent Ceiling Integration

