

The Excellum DALI system manages light outputs that are controllable by the DALI standard. So any DALI luminaire can be controlled directly with the system. All other luminaire types can also be controlled by the Excellum system but they require an output component to be able to communicate with the system. These components are very suitable for renovations to make luminaires controllable with DALI without being a real DALI luminaire.

## **CONTROLLING DALI GROUPS**

### **DALI REPEATER**

The DALI REPEATER allows to build up DALI systems with more than 64 ballast/drivers per DALI line. For the supervisory control unit it acts like a single ballast/driver. On the other hand it is able to control up to 64 DALI ballast/driver. All ballasts/drivers connected to the DALI REPEATER are set to the same dimming level. At the same time it allows the extension of the DALI line by 300 m.

Available in a version for DIN-rail mounting (DIN) or luminaire integration (INT)

## **CONTROLLING 1-10V**

### **Converter 1-10V**

A DALI converter to 1-10V is a multi functional unit. On one hand it is a converter which is accessed digitally via the DALI interface in the same way as a DALI ballast/driver, and on the other it is a lighting controller in its own right. With its control output (combined interface 1-10V/0-10V) and load contact, ballast/driver and electronic transformers can be dimmed and switched via 1-10V and dimmers via 0-10V.

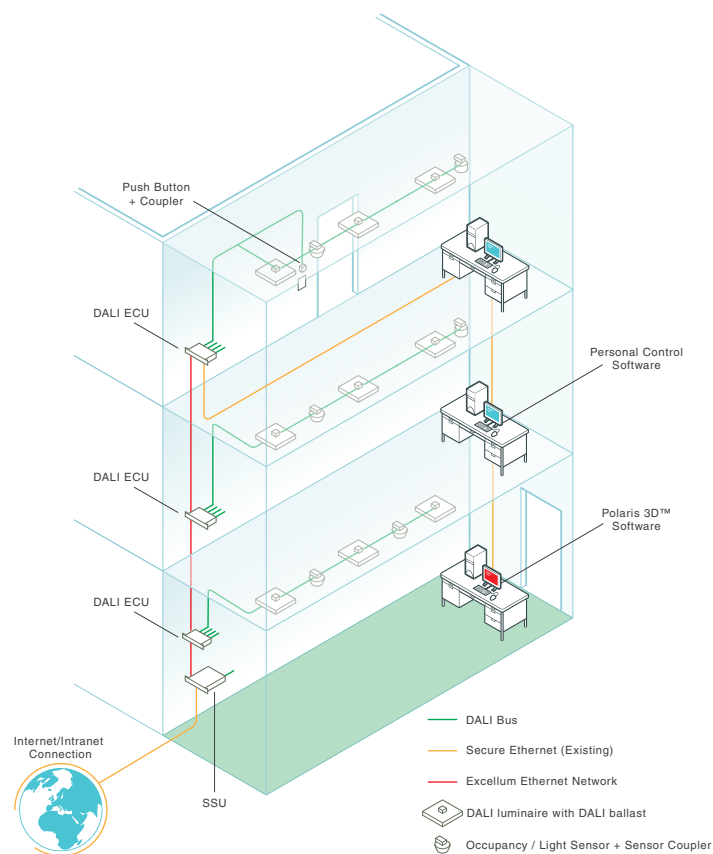
Available in a version for DIN-rail mounting (DIN) or luminaire integration (INT).

## **CONTROLLING RELAYS**

### **Tripple SWITCH**

The Tripple switch is a DIN-rail device with three relay output contacts, each get assigned a separate DALI Address. Every relay can be used to switch on and of a (small) group of luminaires (or other devices). For heavy loads the potential free relays can be used to trigger a high inrush or high power relay. The DALI switch needs a 24V power supply.

## **OUTPUT COMPONENTS**



### **The Building Energy Management System for Lighting**

*Excellum is a light management system that aims to improve personal lighting comfort and to achieve optimum energy saving. Combining the user-friendly 3D control software with the freely addressable switching and dimming functions, Excellum is able to create the right light in the right place at the right time with optimum quality while at the same time avoiding unnecessary energy consumption.*



DALI repeater INT – C3N00



DALI repeater DIN – C3N01



DALI converter DIN – C3N03

## Technical specifications DALI repeater INT and DIN

Supply voltage:

100 ... 240 V, 50 ... 60 HZ or DC

Protection type:

IP20

Protection class:

I

## DALI convertor DIN

Supply voltage:

230Vac 50/60 HC, (DC not permitted)

Protection type:

IP20

Protection class:

II (insulated)

## DALI convertor INT

Supply voltage:

230Vac 50/60 HC, (DC not permitted)

Protection type:

IP20

Protection class:

I (protective earth)

## Tripple switch

Supply voltage:

24VDC power supply available

Protection type:

IP20

Protection class:

I

## Order codes

PSU 30W:

C3S01

DALI repeater INT:

C3N00 – for luminaire ceiling integration

DALI repeater DIN:

C3N01 – for DIN-rail mounting

DALI-convertor INT:

C3N02 – for ceiling integration

DALI-convertor DIN:

C3N03 – for DIN-rail mounting

DALI-convertor DIN:

C3N05

Tripple switch:

C3N06

CI-output adapter:

C3N09

Ceiling adaptor for DALI repeater:

C3AC1

Ceiling adaptor for DALI convertor:

C3AC2

## ETAP NV

Progress Business Centre

Whittle Park Way -

Slough

Berkshire - SL1 6DQ

Tel. + 44 (0) 1628559650

Fax + 44 (0) 1628559012

e-mail: [enquiries@etaplighting.com](mailto:enquiries@etaplighting.com)

[www.etaplighting.com](http://www.etaplighting.com)

## ETAP Export Department

Antwerpsesteenweg 130

2390 Malle

Belgium

Tel. + 32 (0)3 310 02 11

Fax + 32 (0)3 311 61 42

[export@etaplighting.com](mailto:export@etaplighting.com)

[www.etaplighting.com](http://www.etaplighting.com)

## ETAP U.A.E.

Energy & Environment Park

Nucleotide Lab Complex, 2nd floor,

Office EO 01

PO BOX 345014, Al Barsha

Dubai, UAE

Tel. + 971 (0)4 434 73 64

Fax + 971 (0)4 437 03 78

[export@etaplighting.com](mailto:export@etaplighting.com)

[www.etaplighting.com](http://www.etaplighting.com)