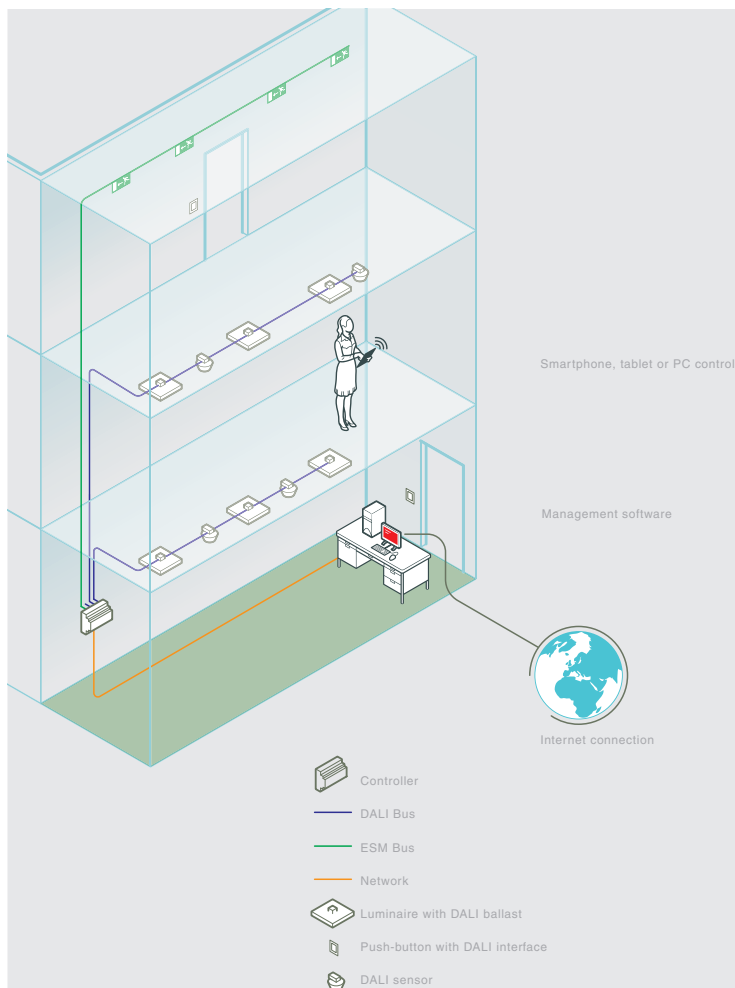


EXCELLUM2 CONTROLLER

Excellum2 is an advanced lighting control system developed for a maximum return of your lighting installation. Excellum2 can also be used for the central management of your emergency lighting. Excellum2 gives your lighting installation and your building a considerable added value because it is based on three principles:

- Simplicity: both installation, use and management are easy.
- Maximum energy savings: light is switched on only when necessary and dims when possible.
- Maximum flexibility: the light levels can be adapted to suit your preferences and the situation in the building.



The intelligence of Excellum2 is integrated in a discrete, stylish and compact controller. This intelligence is based on 10 strategies:

-  Evolving with the building
-  Personal control
-  Scenario setting
-  Integrating with other technologies
-  Emergency Lighting management
-  Intelligent time control
-  Daylight-dependent control
-  Adjustment to the task
-  Presence detection
-  Limitation of peak consumption*

We prepare Excellum2 to be ready for use in your building. You choose the functionalities, we provide the corresponding software. To control or manage the system all you need is your internet browser.

*available from 2016

The Excellum2 controllers can be installed in the technical areas of a building. All the luminaires, sensors and push-buttons are connected to the outputs of the controllers in the building and the controllers are connected to each other via a(n) (existing) network. This means one sensor can light an entire stairwell although the luminaires on every floor might be connected to another controller.

EXCELLUM2 CONTROLLER

The controller is Excellum2's central, intelligent unit. The controller has 4 DALI outputs which can each individually control up to 64 addresses (luminaires, sensors or other components). In other words, every controller manages up to 256 DALI-components. One of the DALI outputs can be used as a bus to manage your emergency lighting installation. This allows you to manage up to 100 emergency lighting luminaires.

Up to five controllers can be connected to each other, which means the Excellum2 is ideal for both small and big buildings.

[1-2] Power supply

The controller can be connected directly to the mains.

[3-4] Energy reader

By connecting a measuring device to the energy light reader (entrance) and installing the measuring device over the power cable of the light circuits, the Excellum2 system is able to measure the consumption of your lighting installation. This data can then be processed and retrieved in the software to precisely follow up the consumption (and the savings).

[9-10] ESM

One of the DALI lines (on the far left) can be used to communicate with the ESM emergency lighting luminaires (ESM = ETAP Safety Manager). Up to 100 ESM luminaires can be connected. The software allows you to monitor these luminaires and is able to generate reports compliant to standard EN50172.

[9-16] DALI

The controller communicates with its connected components via the DALI standard (IEC 62386). The DALI power supply for every DALI line is integrated in the controller.

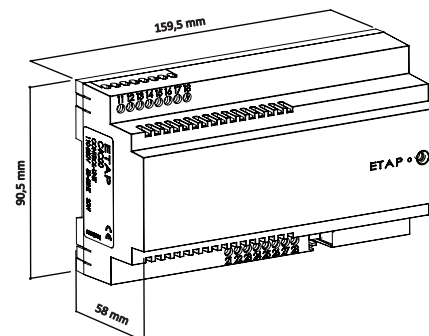
[17] KNX

The controller has a KNX connection. This means it can be integrated with a KNX system to allow information to be exchanged between the two systems. The KNX system can temporarily adjust the lighting and Excellum2 can transmit any malfunctions (for example). The KNX integration is optional.

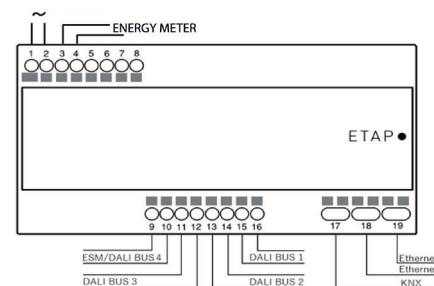
[18-19] Ethernet / BACnet

Every controller has two Ethernet connections that allow the controllers to be connected to each other and to add them to the user network so that the system can be controlled and managed. The Ethernet connection can also be used to integrate the system with a BACnet system so that information can be exchanged between the two systems. The BACnet integration is optional.

Size:



Connections:



Characteristics:

- Mounting: DIN-rail (157x90x58mm)
- Power supply: 110-230V AC
- Protection: IP20 class II (EN 60950)
- Consumption: 25W
- DALI power supply: 200mA (per line)

UK

ETAP NV

Progress Business Centre – 7 Whittle Park Way

Slough – Berkshire – SL1 6DQ

Tel.+44 (0)1628559650 – Fax +44 (0)1628559012

e-mail: enquiries@etaplighting.com – www.etaplighting.com

ETAP EXPORT DEPARTMENT

Antwerpsesteenweg 130

B-2390 Malle – BELGIUM

Tel. +32 (0)3 310 02 11 – Fax +32 (0)3 311 61 42

export@etaplighting.com

2015/E/V2 - Specifications subject to change without notice. Install in accordance with all applicable national and local electrical and building codes.