ETAP
EXCELLENT LIGHTING, SAVING ENERGY

INPUT COMPONENTS

The Excellum input components are a key component of the Excellum system. These devices provide an interface between lighting components such as presence detectors, light sensors, push-buttons, and the DALI communication network.

Movement and light sensors

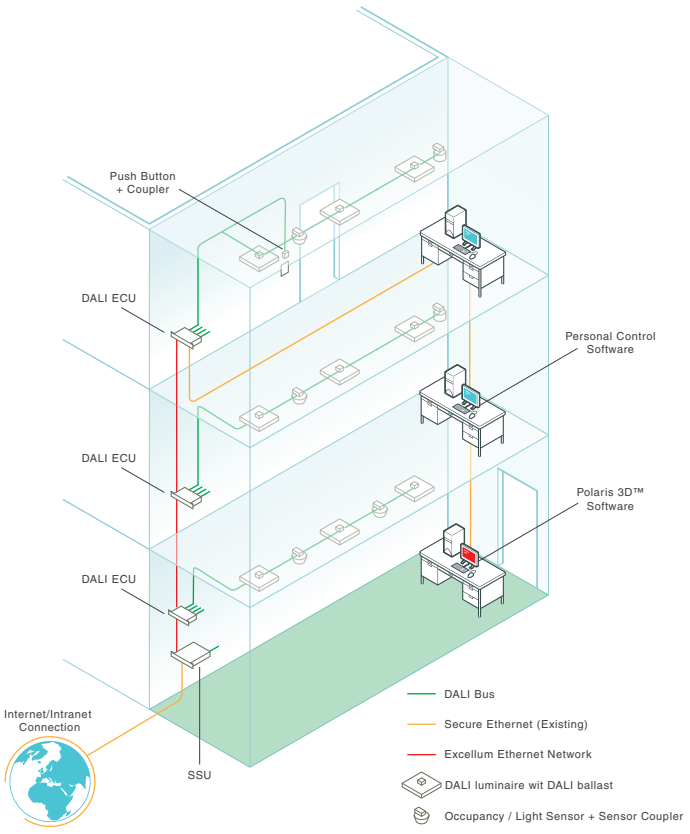
To get status information from movement sensors, light sensors or multisensor, these devices need to communicate with the Excellum DALI system. This is possible by using a sensor coupler. The sensor coupler is a DALI device that takes 2 addresses (one for movement and one for light sensing). There are two versions available depending on the type of sensor that needs to be connected.

The Multisensor Coupler can be used to connect the Excellum Multisensor. It gets its power supply from the DALI line and it provides power to the sensor. This sensor coupler can be easily integrated into a luminaire but it can also be integrated into a false ceiling by using the CI Input Adapter.

The Advanced Sensor Coupler is used for Wide view or High view sensors. This sensor coupler has a daylight sensor on it and the wide view or high view sensor can be mounted on top of the coupler (to make one device out of the two components) but it can also be used stand-alone (for light sensing only).

Push buttons and devices with potential free contacts

To process information such as a push on a button to recall a scene, switch or dim luminaires or alerts like a fire alarm and so on, the push button coupler is needed to capture this information and send it towards the Excellum DALI system to be processed. It is a binary input device and it can be mounted in in-wall boxes. It is powered over the DALI-line and uses 4 DALI addresses (one for each potential free input).



Excellum

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.

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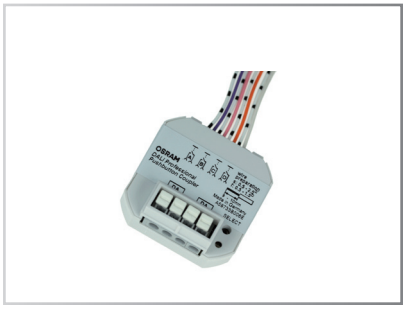
Multisensor-Koppler - C3N10



Drucktastenkoppler - C3N11

Erweiterter Sensorkoppler - C3N12

Technical specifications

Multisensor coupler

The multisensor coupler is used to connect multisensors to the Excellum DALI network.

Power supply:	via DALI (current draw 5mA)
Installation type:	luminaire integration or ceiling integration with the adapter
Connections:	DALI in and out
	RJ11 for sensor
Protection type:	IP20

Push button coupler

The push button coupler is used to connect up to 4 potential free contacts to transmit relay information to the Excellum DALI network.

Power supply:	via DALI (current draw 6mA)
Installation type:	in-wall box
Connections:	DALI in and out
	4 pairs of 2 wires (one pair per contact)

Advanced sensor coupler

The Advanced sensor coupler is used to connect wide view or high sensors to the Excellum DALI network or it can be used stand alone as a DALI light sensor.

Power supply:	via DALI when stand-alone (current draw 6mA)
	220V AC when used with Wide View or High View sensor
Installation type:	lumaire integration or ceiling integration with the adapter
Connections:	DALI in and out
	Sensor power and relay
Protection type:	IP20

Order codes

Multi Sensor coupler:	C3N10
Push button coupler:	C3N11
Advanced sensor coupler:	C3N12
CI input adapter	C3N10-1

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