ETAP
EXCELLENT LIGHTING, SAVING ENERGY

A significant energy saving can be achieved by monitoring a room or zone for presence. Presence can be detected by movement detectors in the ceiling, the wall or via PCS software (see PCS data sheet).
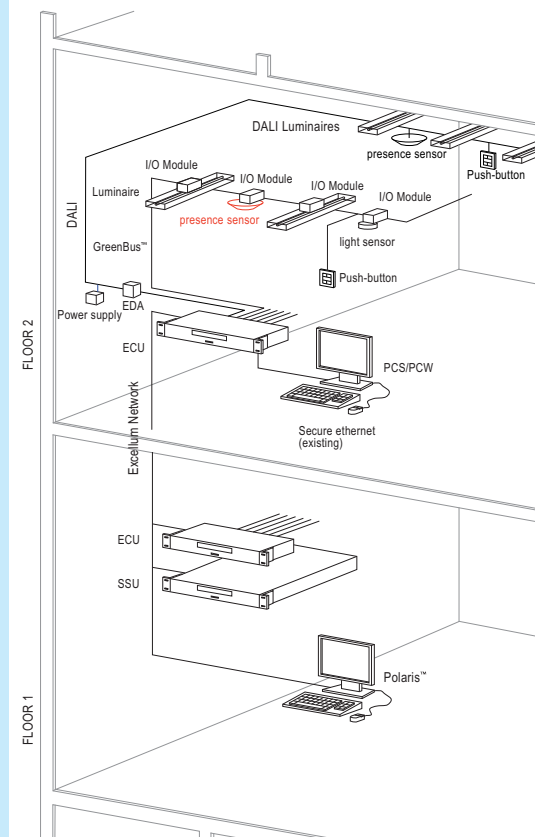

Component of this data sheet is indicated in red.

Mouvement detectors are typically used in corridors, changing rooms, toilets, technical rooms, conference rooms or individual offices, etc. They are connected to an Excellum GreenBus™ via an I/O sensor and configured by the central Polaris™ software. Switching behaviour and time delay can be selected.

Depending on the application, they are recess or surface mounted, and the detection technique to be applied is determined: PIR (Passive Infra Red), US (ultrasonic) or "dual technology" for a greater detection area by combining PIR and US.

Some detectors have a built-in light sensor, either as a threshold value switch in series with the movement detector signal, or as an analogue light sensor.

Customer-specific mouvement detectors can be integrated upon request, depending on type. (Please contact us for more information)

Excellum

Each component is easily integrated into the Excellum control system

Each luminaire, sensor and lighting controller is daisy-chained back to the ECU using prefabricated 'click & go'-GreenBus™ communication cabling or via DALI. ECU's typically control individual floors and are linked via an Ethernet network. A LAN connection allows Windows floor plan based control software to be operated anywhere on the network.
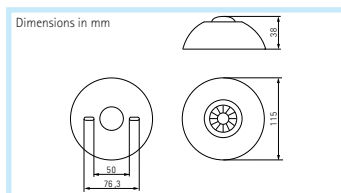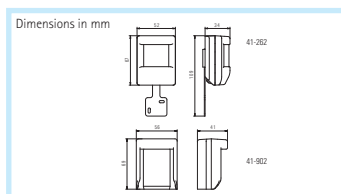
C2RM1

Dimensions in mm
C2RM2

C2RM4

Dimensions in mm
38
115
50
76.3
C2RM1, C2RM2, C2RM4

C2RM3

Dimensions in mm
41-262
41-902
C2RM3

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Technical specifications

Power supply	24V DC SELV (via Greenbus™)
IP20	

Order codes

Description	Type	Detection field	Code	Max. power consumption
Movement detector 360° PIR	recess mounted	40 m²	C2RM0	7,5 mA
Movement detector 360° PIR	surface mounted	40 m²	C2RM1	18 mA
Movement detector 360° PIR + US	surface mounted	200 m²	C2RM2	33 mA
Movement detector 90° PIR	surface mounted, corridor type	15 m²	C2RM3	5 mA
Movement detector 360° US	surface mounted	200 m²	C2RM4	33 mA
Movement detector 360° PIR + LS	recess mounted	40 m²	C2RM5	7,5 mA
Movement detector 90° PIR	surface mounted, corridor type	25 m²	C2RM6	10 mA

C2RM0

C2RM5

C2RM6

Dimensions in mm
Ø 63.5
25.9
Ø 72
2
C2RM0, C2RM5

Dimensions in mm
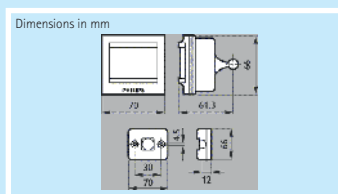C2RM6

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