

Presence detector PD-33 DL

Product data sheet

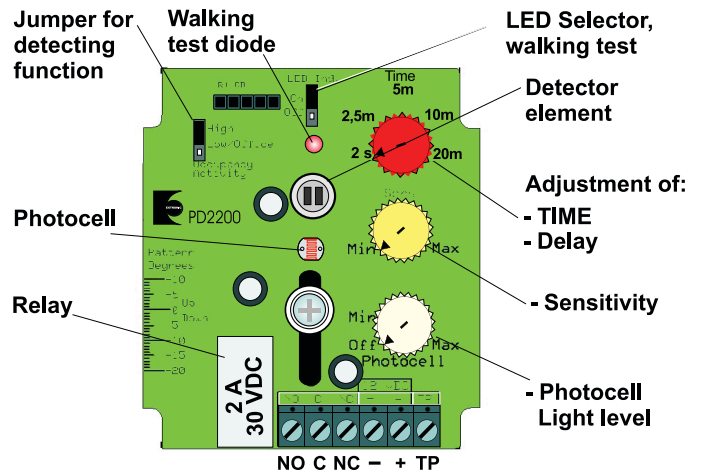
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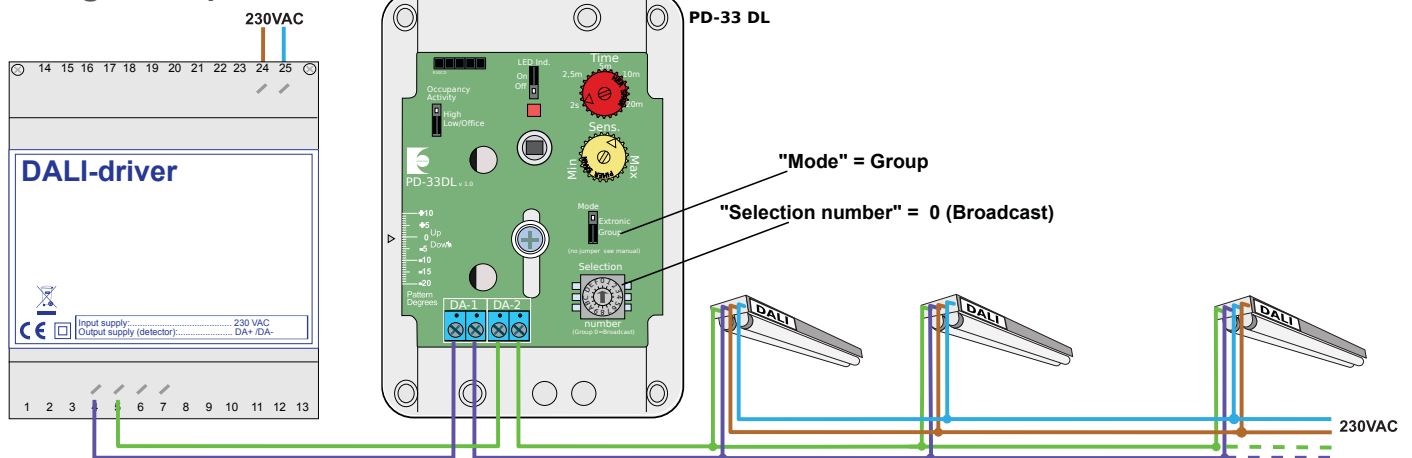
Properties

PD-33 DL is a passive infrared detector intended for presence detection and the control of light fittings over a DALI bus. It uses a pyroelectric sensor that reacts to changes in thermal radiation.

- PD-33 DL is able to turn on, dim and turn off DALI light fittings.
- It uses broadcast or group addressing.
- Multiple detectors work together if they are controlling the same group of light fittings or if they are using broadcast addressing.
- The light level can be controlled directly (100%, 10%, 0%) or by choosing preset levels from scenes 10, 14 and 15.
- Adjustable presence delay of 2 seconds to 20 minutes.
- Timer controls duration of low-level lighting before switch-off, 5 minutes or 30 minutes.
- Configuration for office environments that use a different form of signal processing when presence is detected.
- "No start" mode can be selected that simply keeps lighting switched on. (Switched on manually with pushbutton.)
- Power is supplied via the DALI bus (max. consumption 12 mA).
- Settings are adjusted using knobs and jumpers on the detector circuit board.
- The lens can be replaced to adjust the detection range. A choice of lenses is available.



Wiring example



Premises where PD-33 DL is suitable

- Sports halls
- Corridors
- Offices
- Classrooms
- Warehouse aisles
- Warehouses
- Parking garages
- etc.

Technical specification

Verticle adjustment:	+10° to -20° calibrated scale.
Horizontal adjustment:	Up to 30°.
Voltage	Supplied by DALI bus
Current:	Max. 12 mA
Start-up time:	< 2 minutes.
LED:	Red IR, can be disconnected.
Detector:	Dual-element, low-noise, pyroelectric IR detector.
Enclosure:	IP42.
Dimensions (W X H X D)	70 x 102 x 50 mm.
Weight:	93 g.