



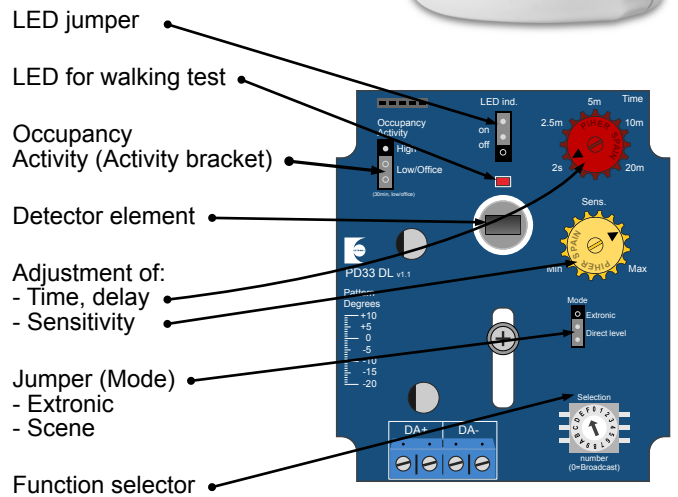
## Features

PD33 DL is a passive infrared detector designed for presence detection and control of lighting fixtures via a DALI bus line. It has a pyroelectric sensor that reacts to changes in heat radiation. Upon delivery, the detector's range is 40 meters with a 90-degree opening angle, but by changing the lens, the range can be extended to 80 meters. The range can also be reduced to make the detector more sensitive to small movements, for example in a classroom.



## Places where PD33 DL is suitable:

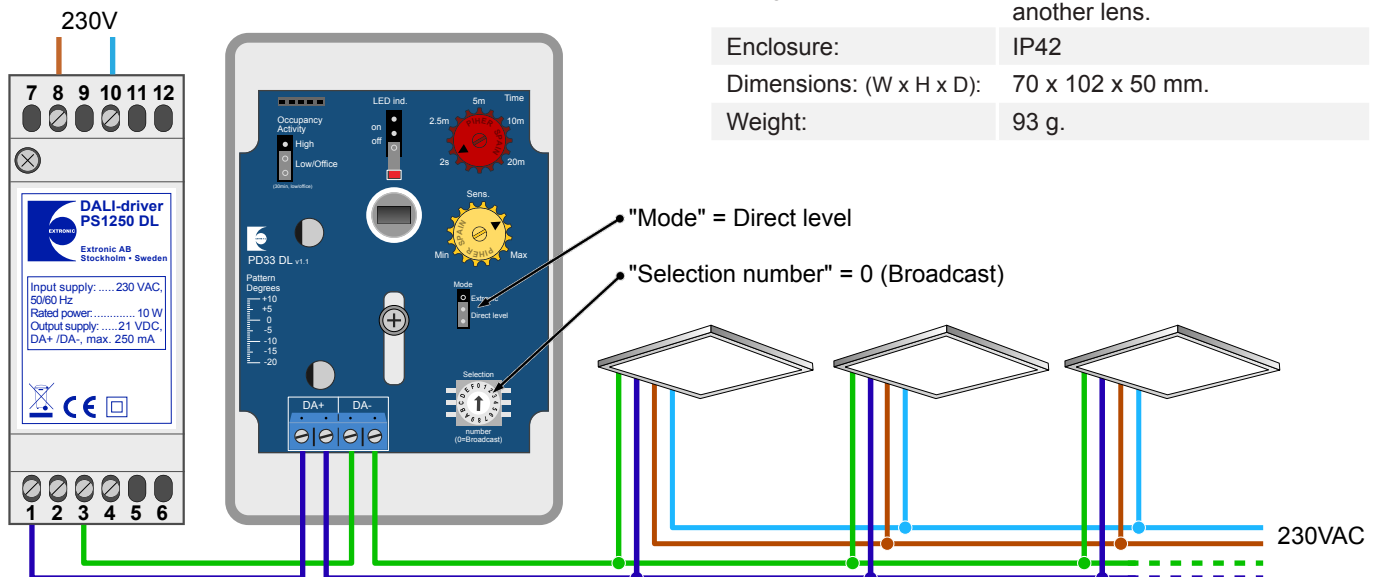
- Long range or extreme sensitivity. The detection area can be adjusted by changing the lens. Multiple lenses are available.
- PD33 DL turns on, dims down, and turns off DALI luminaires.
- Broadcast or group addressing.
- Multiple detectors collaborate if they control the same luminaire group or if they control via Broadcast.
- Control light level with direct control (100%, 10%, 0%) or selectable levels via scene 10, 14, 15.
- Adjustable presence delay 2s-20min.
- Timer for low-level lighting before turning off 5 min or 30 min.
- Adaptation for office environment with different signal processing in presence.
- "No start" (no ignition) which only keeps the lighting on can be selected. (Manual ignition with push button.)
- Powered via the DALI bus (consumes max. 12 mA).
- Settings are made with knobs and switches on the detector's circuit board.



## Spaces where PD33 DL is suitable:

- Sports halls
- Corridors
- Offices
- Classrooms
- Storage aisles
- Warehouses
- Garages and more.

## Example connection



## Technical specification

Vertical adjustment:	+10° to -20° calibrated scale.
Horizontal adjustment:	Up to 30°
Voltage:	Powered by the DALI bus.
Current:	Max. 12 mA.
Startup time:	< 2 minutes.
LED:	Red IR, switchable.
Detector:	Dual-element, low-noise, pyroelectric IR detector.
Range:	40 x 40 meters with standard lens. Up to 80 meters with another lens.
Enclosure:	IP42
Dimensions: (W x H x D):	70 x 102 x 50 mm.
Weight:	93 g.