

PLT 24 PASSIVE INFRARED DETECTOR

PLT 24 is a passive infrared detector (PIR) for monitoring occupancy through body heat and movements by people.

Sensor element reacts to temperature changes in range of the detection beams.

The detector alarms after it gets 2 detections impulses in 5 seconds. This feature eliminates false alarms caused by the sudden temperature changes. Opening the cover causes the alarm (NC) via TAMPER loop.

The detector can be installed directly on the wall or on the corner. Mounting bracket and screws are included in the delivery.

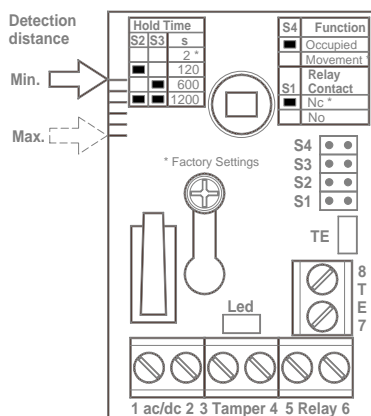
PLT 24-K is made for ceiling mountings.

Note!

Avoid installing the PLT 24 detector to direct sunlight or any lighting resource or highly reflective surfaces. Avoid installing the detector near heating or ventilation and also to vibrating surfaces.

The function of relay contact (NC / NO) is selectable by a jumper

Wiring and codings:



Technical data:

Supply	24 Vac/dc (22...28Vac/dc)
Alarm output (Nc / No relay)	< 100 mA, 24Vac / 60Vdc
PLT 24	140°, 18 beams, 4 levels 1,9...12 m
Relay release delay	2s*, 120s, 600s or 1200s
Function	movement detection* / occupancy detection
Tamper	switch & spring NC contact, 30Vdc, < 50mA
Protection class	IP 20
Operation temperature	-10...+45°C
Indication of detection	LED
Dimensions w x h x d	62 x 75 x 40 mm

* factory setting

Wiring:

1	supply 24Vac/dc
2	0 V
3	tamper-
4	loop contact (NC)
5	alarm relay
6	contact, NC* / NO

Ordering guide:

Model	Product number	Description
PLT 24	1185040	PIR movement detector, 12 m
PLT 24-K	1185045	PIR for ceiling mounting

Products fulfill the requirements of directive 2004/108/EY and are in accordance with the standards EN61000-6-3: 2001 (Emission) and EN61000-6-2: 2001 (Immunity).

Produal Oy

Keltakalliontie 18
48770 Kotka
FINLAND
www.produal.com

Tel: +358-5-230 9200
Fax: +358-5-230 9210
info@produal.fi