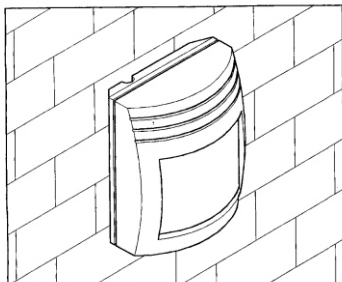


PIR-detector CP73 og CP74

Mounting enclosed



Movement detector with opening switch (NC) for alarm function **CP 73**
EAN-Nr. 5703513007249

Movement detector with closing switch(NO) for light control **CP 74**
EAN-Nr. 5703513007379

Product description

Movement detector (PIR) type CP 73 and CP 74 are developed for use in combination with light control system CONCEPT 2000.

PIR-detector type CP 73 with opening switch (NC) CP 73 is used for control of the alarm function in connection with Time/Link CP70D (see product information), but can also be used for light control. In this case the opening switch (NC) must be connected the control input on Switch/Link type CP 20. The switch/Link's input must be inverted to be able to get the resersed function for control of the light(NC). The CP73 connected on terminal (i) for daylight Control (whit CP75 connected to terminals K).

PIR-detector type CP 73 with opening switch(NO)
CP 74 is used for light control of avtive modules type CP 24 and CP 31(time function). At relay module CP 24 the closing switch(NO) from PIR detector CP 74 can directly be connected the direct control inputs. The relay module must be programmed correspondingly(automatic step). The control of dimmer module type CP 31 is done via the data bus. In this case the switch (NC) must be connected Switch-Link type CP 20.

Installation guide

PIR type CP 73 and CP 74 can be mounted on plane wall and celings. Always mount on a solid, stabile surface.. For mounting the included mounting hardware(BR1) is used. Which after mounting gives opportunity to adjust the sight direction of PIR-detector. PIR type CP 73 and CP74 are not sensitive to air turbulence and radio noise, but it is still recommended in order to avoid false alarms that the PIR is NOT pointing to heading appliances, ventilators, sources for strong light and windows whit direct sunlight. Keep low current cord separated from mains current cables. The front is removed by loosening the screw at the bottom. Put up the mounting hardware height, where PIR is to mounted. Subsequently mount the backside(whit the print) on the mounting hardware, the backside is put up directly on the wall. Here the blanks at the top and bottom of the backside are used. At right mounting, the blanks in the tilted edges of the sides are used. Fix the backside real good, in order to avoid vibrations.

Connection of cord

The cords can be led through one of the cord blanks in the tilted edge at the bottom or through the blank under the circuit board, with which the cord can be taken in at the ceiling and be taken down along the backside of the cabinet. Connect relay NC (CP73) or NO (CP74) to control input of CONCEPT 200. Connect 24 V DC to + and - terminals an dcheck for correct polarity.

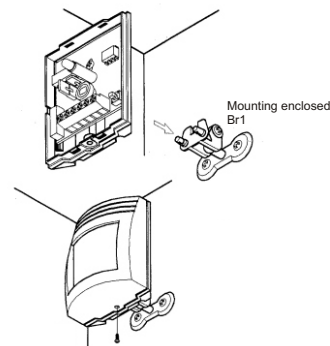
Vertical setting

The scala on the right side of the circuit board opposite the small arrow in the backside roughly indicates the vertical angle in degrees between PIR's horizontal line and the upper lay of rays. It is fast and easy to adjust from +2 to -4 degrees downwards, dependent on installation height and coverage required. PIR is set on 0 degrees from the factory. Set the circuirid board vertically by loosening the screw in the center of the circuit board. Move it up or down and fasten the screw again.

Pulse counter

Pir type CP73 and CP 74 can with a jumper be set to 1 to 3 pulsations with changing polarity, before the relay is generated. Two pulsations provides increased protectin against false detections, which is due to environmental disturbances, and should just be chosen for places, where the temperature do not reach more than 30° C. A pulsation must be chosen, when it is required that PIR must be activated by the first detected pulsation, and also in high-security installations where a quick "catch" is of great importance.

Terminals the PIR-detektorene



Terminal:

Low current

Terminal NC	Opening switch (NC) CP73
Terminal NO	Closing switch (NO) CP74
Terminal +	Plus 24V DC (+)
Terminal -	Minus (-)
Terminal TAMP	Sabotage switch, is used in connection with alarm function

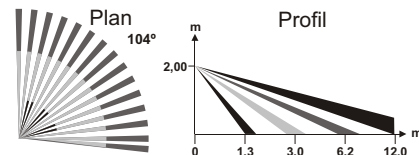
Tecnical data CP73 og CP74:

Low current

Voltage	24V DC
Current at 24V DC	15 mA
Power consumption at 24V DC	0,4 VA
Switch load CP 73 (NC)	max.100 mA/24V
Switch load CP 74 (NO)	max.100 mA/24V
Adjustable pulse counter	1 to 3 pulsations with Changing polarity

Optical data

Visual field	104° wide angle, 24 rays in 4 lag
Layers coverage	max. 12x12 m
Detector	double element, low-volume pyroelectric

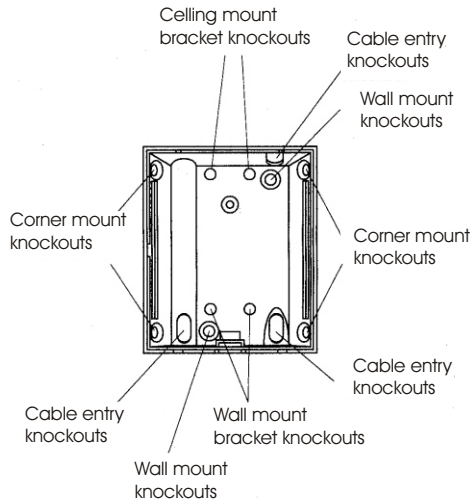


Mechanical data

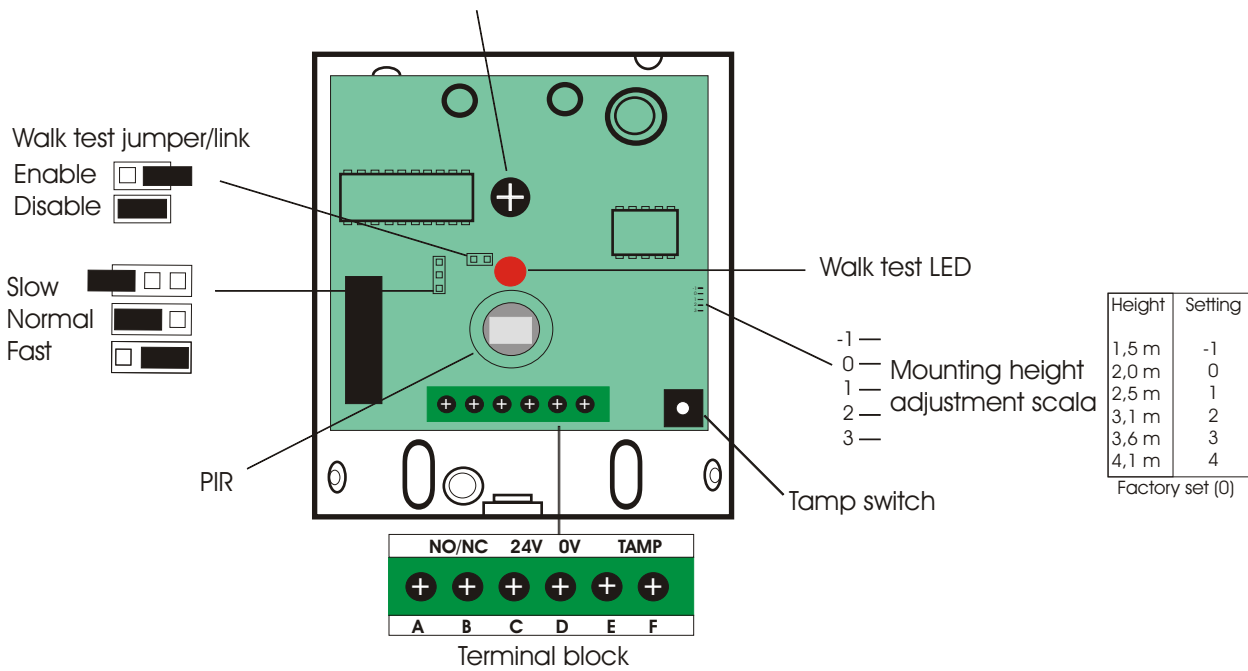
Temperature range	-10....+50°C
Weight	75 gram
Installation	on wall and celings
Installations height	max. 3,60 m
Dimensions (WxHxD)	64x72x39 mm



Bracket knockouts and cable knockouts



Adjustment slot and securing screw



Walk test

Check the detector operation by powering up the detector and ensure the voltage at terminals C and D is between 24V DC.

Replace the front cover by hooking it on at the top and then clip it closed at the bottom. Allow five minutes for the detector to warm up and stabilise before walk test.

With the walk test LED enable (factory set) walk test the area. Detection is indicated by the walk test LED lighting up, allowing coverage to be checked. Allow five seconds between each test for the detector to stabilise.

The walk test LED can be disabled to prevent unauthorised persons from tracing the coverage pattern

1. Walk test LED enable-place the jumper on a single pin (factory set).
2. Walk test LED disable-place the jumper over both pins.



Operation and control accessories

Applications example
Outside lightning +
Imitated habitation +
Security warning

