360 degree Ceiling Mount PIR Detector

Model: PIRHW360

Installations Procedure

Step 1. Opening The Cover
Turn the cover clockwise to open.
The turning movement will release the 4 latches locking the cover to the base of the unit.(FIG.1)
Step 2. Opening Knockouts
Opening the appropriate knockouts required for installation. The unit includes knockoputs for mounting and wiring.
Step 3. Mounting
Insert the cable through the hole you opened and mount the bottom part in its final location. Seal the cable hole and any other opening with a sealant (RTV or alike).
Step 4. Terminal Wiring
Wire the cable to the terminal block at the bottom of the PC Board as follows:(FIG.2)
12VDC: Power supply inputs
Alarm: N.C dry contacts
Tamper: N,C dry contacts
Note: ensure that cover is installed after mounting and wiring. Do not check or test detector with out closed.
Step 5. Walk Test
Replace front cover
Apply power and wait until stabilized (>2 minutes)
Walk through protection area.
Observe LED, and switch the "LED" to "ON".The number of pluses need to activate the alarm can be set to "1", "2" or "3".

Optical Features

The following is a description of featrues of PCB

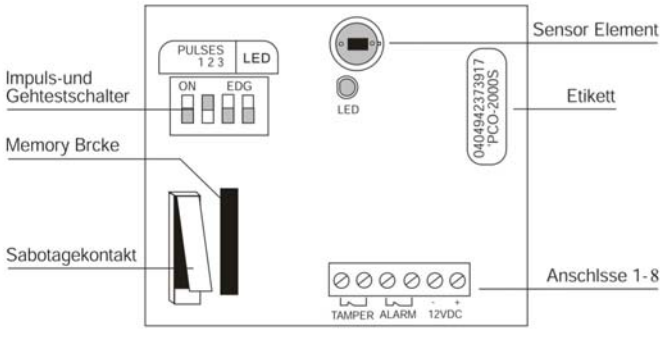

FIG.2

Specifications

Operating Voltage: 9 to 16VDC
Current: 15mA at 12 Volts
Alarm Contracts: 50mA,24VDC,NC
Tamper Contacts: 500Ma ,24VDC,NC
Alarm Time: 2.2s min
Warm time: 2 minutes
RF immunity: 30V/m at 10Mhz to 1Ghz
Operating Temperature: -0℃ to 50℃
Storage Temperature: -20℃ to 60℃
Size: ϕ mm
Mounting Fashion: Ceiling

FIG.1

Main Features

- 360°look down capability and 110°sensor opening
- Mount Height up to 4.0-6.8M
- Microprocessor Design
- True Temperature Compensation
- Pigmented Lenses
- Low Current Consumption
- High RFI immunity for false alarm prevention 20V/M up to 1GHz
- Free swivel Brackets for Ceiling Mounting
- Selectable Pulse Count
- White Light protection
- Anti-Fluorescent Interference Signal Processing
- Easy installation
- Compact and Attractive design
- Ideal for Residential installations
- Memory and Form-C Relay Models Available

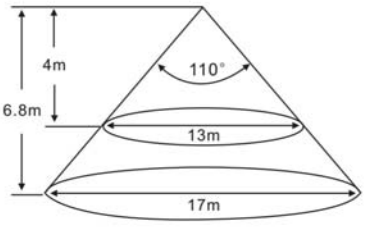

FIG.3 Isometrische Darstellung

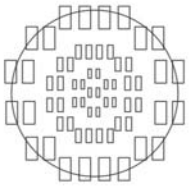

FIG.4