

UNIVERSAL 360° PIR, SURFACE AND RECESSED, IP44, WHITE/BLACK RU360-01 RU360-04

PLEASE READ INSTRUCTION BEFORE COMMENCING INSTALLATION AND RETAIN FOR FUTURE REFERENCES.

! Electrical products can cause death or injury, or damage to property. If in any doubt about the installation or use of this product, consult a competent electrician

Note:

Product technical information and specification may change over time without prior notification. For the latest technical information please visit our web site www.robust.com.au

-5°C < Ta < +40°C, 220-240V~50/60Hz, Class II, IP44
Rated load: Max. 2000W for Incandescent, Max.600W for Fluorescent, Max. 300W for LED
Suitable for mounting on a normally flammable surface.
Max. Mounting Height: 2.5-3m
Detection Range: 360° Detection angle, Ø12-18m range
Lux Level: Daylight to night adjustable
Time Delay: 10 Seconds - 40 Minutes

Installation

1. Ensure mains supply is switched off before commencing work.
2. Location: a. max 2.8m above ground level.
b. Avoid: positions close to exhaust gas flues, heat extraction vents, or heat sources to avoid false triggering. Also avoid pointing toward bright lights which may prevent operation (or cause hunting i.e. flashing lights on and off) when Lux level set for night operation. Do not mount on surfaces subject to vibration.
3. Disassemble PIR removing terminal block.

Surface Mounting:

1. Use the housing to mark the position of screw holes. Check location of buried wires before drilling fixing holes.
2. Drill holes in the wall and fit the screws plugs. Introduce supply cables Connect Cables through the back of PIR base and fix base to the mounting surface using screws provided.
3. Introduce supply cables through holes in the terminal cover. Connect supply cables Lin, Neutral and Lout to terminals. Attached terminal block to PIR body and secure using screws.
- 4 Attach housing to base.
- 5 Attach front cover.

Recessed Mounting:

1. Mark ceiling with Ø84mm cut-out size.
 2. Attach the retention springs as per below images.
 3. Introduce supply cables through holes in the terminal cover. Connect supply cables Lin, Neutral and Lout to terminals. Attached terminal block and cover to PIR body and secure using screws.
 4. Offer the sensor up to cut-out with the springs being held vertically
- Walk testing can then be carried out to determine detection area with slow walking pace. When the detector senses movement, the load will be switched on for the pre-set time. When finished adjust lux and time to desired settings. Turning Lux control toward the moon position will stop switching action during bright daylight hours (for energy saving). Turning Time control toward + increases on-time up to 40 minutes. Note: once sensor has been triggered, subsequent detection restarts timing period from beginning, so light stays on until set time elapses after last triggering detection.

Manual Override Function

The PIR can be permanently on for 8 hours. After 1 minutes for the sensor finishing "Warm up", Using switch on the wall perform 2 Off/ On operations within 3 seconds, the light will stay on for 8 hours. After 8 hours, it will enter to " Auto mode". In order to revert to AUTO detect mode, Using switch to turn off for over 15 seconds, and then turn on, the sensor will start to warn up for around one minute, and then the light will be off.

The Installation must be carried out by a qualified electrician

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