

INFRARED MODULATED PHOTOCELL P63

P63

- LED indicator for output.
- 49 foot 15 meter range (19 feet more than the P45).
- Non-reflective through-beam system is not affected by shiny surfaces.
- 12 – 24 Volt AC/DC.
- 2 Relays SPDT for reliability.
- 40mA current draw.
- IP 54 environmental rating.
- C-UL C-US and CE rated.
- 5 Hz switching frequency.



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APPLICATIONS

The P63 may be used to detect the presence of an obstacle blocking the sensing beam for annunciation, door control and security camera activation.

TECHNICAL DATA

The P63 has increased range over the previous model P45 and comes with mounting hardware for most applications. The IP 54 rating protects the circuit from dust and water splash.

Range:	49 feet
Power:	12V – 24V AC or DC @ 40mA
Relay Contacts:	1A @ 28VDC or 0.5A @ 120V AC
Dimensions:	3.74 in. x 1.18in. x 2.05 in.
Housing:	Black PMMA (IP 54)

Note: Not for use in applications requiring UL325 compliance.

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INSTALLATION INSTRUCTIONS

TRANSMITTER

Connect one leg of the power supply to Pin1 and connect the second leg of the power supply to Pin2. The power supply may be 12 - 24V either AC or DC. Polarity of the wires is not important.

Note: Power fluctuations below 10V and above 30V may degrade the operation of the unit.



P63 TX

RECEIVER

Pin1	Output Relay Normally closed.
Pin 2	Output Relay Normally open.
Pin 3	Output Relay Common.
Pin 4	Power 12 – 24 VAC or DC
Pin 5	Power 12 – 24 VAC or DC.

1. Connect one leg of the power supply to Pin 4 and connect the other leg of the power supply to Pin 5. The power supply may be 12 – 24V either AC or DC. Polarity of the power wires is not important.

Note: Power fluctuations below 10V and above 30V may degrade operation of the unit.



P63 RX

WE ACCEPT VISA, MASTERCARD, AMERICAN EXPRESS
AND COMPANY PURCHASE ORDERS WITH APPROVED CREDIT.



WARNING ... Not to be used for Personnel Protection

Never use product as sensing devices for personnel protection. Doing so could cause serious injury or death.

These sensors do NOT include the self-checking redundant circuitry necessary to allow their use in personnel safety applications. A sensor failure or malfunction can cause either an energized or de-energized sensor output condition.

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WARRANTY

EMX INC. the product described herein for a period of 2 years under normal use and service from the date of sale to our customer. The product will be free from defects in material and workmanship. This warranty does not cover ordinary wear and tear, abuse, misuse, overloading, altered products, or damage caused by the purchaser from incorrect connections, or lightning damage.

There is no warranty of merchantability. There are no warranties expressed, implied or any affirmation of fact or representation which extend beyond the description set forth herein.

EMX Inc. sole responsibility and liability, and purchaser's exclusive remedy shall be limited to the repair or replacement at EMX's option of a part or parts not so conforming to the warranty. In no event shall EMX Inc. be liable for damages of any nature, including incidental or consequential damages, including but, not limited to any damages resulting from non-conformity defect in material or workmanship.