

GENERAL FEATURES:

- Transmitter and receiver works opposite each other.
- Easy to install and splash proof enclosure.
- Ultra Violet stabilized lense and enclosure.
- Heavy-duty relay 5A @ 240VAC and 28VDC.
- Open circuit relay contacts.
- +-15-30m range outside.
- Power Supply: 12V -> 24V AC-DC supply input.
- Working temperature: -10 +55Deg Celsius.
- Power consumption: +70mA @ 24VDC.
- Dimensions: 102x57x37mm.

TRANSMITTER SPECIFICATIONS:

- Modulation frequency +600Hz
- Infrared wavelength emission 880nm.
- Working indicator led (Red).

RECEIVER SPECIFICATIONS:

- Output open circuit relay connections. 5A, 120VAC
- Beam aligned indicator led on board (Red).

INSTALLATION:

Mount the beam pair opposite each other. Try to mount the receiver beam out of direct sunlight, because it will shorten the range. The receiver beam red led will come on as well as the relay will pull in and must stay like that (no jittering) as soon as the transmitter beam is aligned with the receiver beam. Try to close all external holes with silicone to keep out dust, insects and moisture. Clean the lenses regularly for optimum performance.

TYPICAL WIRING DIAGRAM:

