



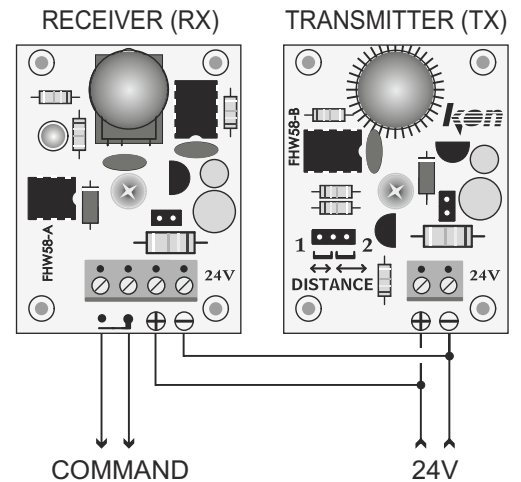
INSTALLATION - INSTRUCTIONS

The photocells consist of the receiver and the transmitter.
 Open up the holes in the 3 set points of the base using a screwdriver or a 3,5mm drill, according to the design on the bottom right side of this page. Install the receiver and transmitter on the selected support area with 3 screws each.
 The transmitter and the receiver must be aligned AT EXACTLY THE SAME HEIGHT THE ONE FACING THE OTHER.

Ideally, they should be placed more than 30 cm away from the ground or any surface, to reduce problems due to reflections.
 In the ABSENCE of obstacles, the (LED) light of the receiver SHOULD BE OFF. This means that THERE IS CONTACT between the transmitter and the receiver.
 The plastic covers do not function as LENSES thus, they DO NOT AFFECT proper operation. The photocells may not function if placed indoors in an area containing smooth surfaces or mirrors.

If the distance between the transmitter and the receiver is SMALLER than 8 meters and they are placed indoors the jumper on the transmitter with the indication "DISTANCE", should be set to position 1. For larger distances it should be set to position 2.

If other photocells exist in the same area then, place the transmitter (TX) of one pair FACING the transmitter of the other pair and of course, the receiver (RX) FACING the other pair's receiver (RX) (CROSS positioning) to avoid mutual interference .



TECHNICAL CHARACTERISTICS

- * Supply voltage 24V or 12V AC/DC (for 12V place the jumper)
- * Energy consumption: 18 mA with no obstacle blocking.
45 mA when blocked by an obstacle.
- * Relay contact ratings (2 relay in series): 1A/24V
- * Operating Frequency (carrier) : 38 KHz
- * Modulation : 350 Hz and 20 Hz
- * Reverse Supply Protection
- * Contact Range up to 50 meters (jumper selectable)
- * Obstacle reaction time < 0.35 sec
- * Restoration time after the obstacle is removed: 1 sec
- * Rejection of interfering signals of the same frequency which are WITHIN range.
- * State of the art technology (microprocessors) employed both in the transmitter and receiver.
- * The system is unaffected by extreme temperature variation (-25 +70 C) or power supply variations.

UNAFFECTED BY SUNLIGHT OR RAIN.

CAUTION: DO NOT TIGHTEN THE SCREW HOLDING THE COVER TOO TIGHT AS IT MIGHT CAUSE THE COVER TO BREAK.

