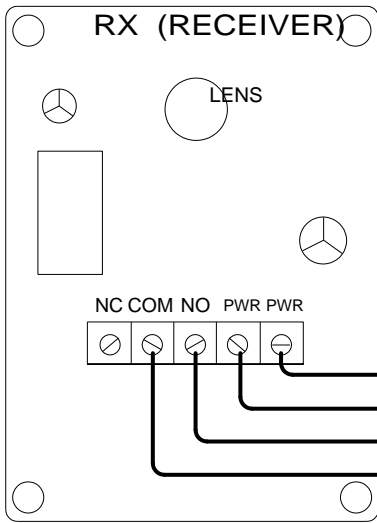
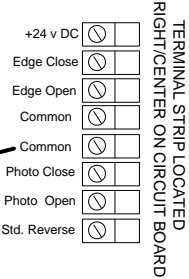


EMX IRB 4X PHOTO EYES WITH DSW 2000 GATE OPERATORS

FIGURE A



The IRB 4 X photo-eye has two parts: the Receiver which has the terminal strip containing 5 screws (fig. A at left) These terminals are wired to terminals in the Gate Operator as indicated in the drawing. This receiver module is best mounted on the hinge-side (operator side) of the gate.



12-24 volts AC or DC
12-24 volts AC or DC

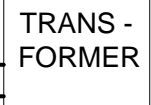
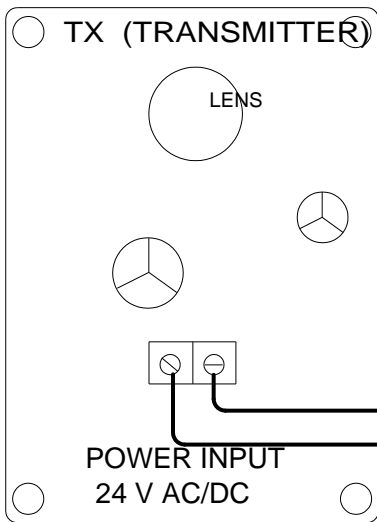
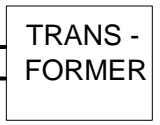


FIGURE B

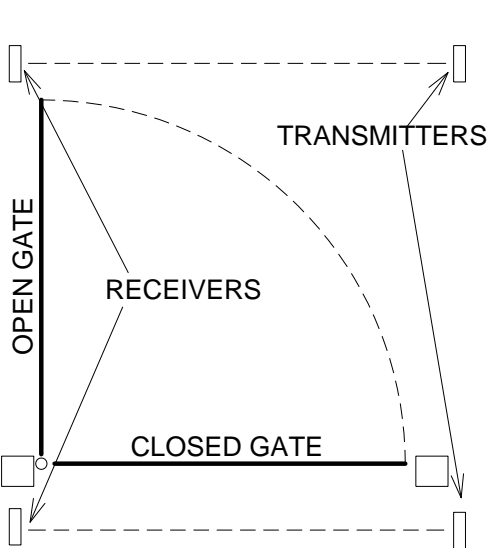


The Transmitter (figure B at left) must be hard-wired to the gate operator in a conduit under the driveway. Two conductor low-voltage wire such as "sprinkler wire" from a Home Center is ideal. These wires are for power to the unit and must connect to an auxilliary transformer that puts out 12 to 24 volts AC or DC.

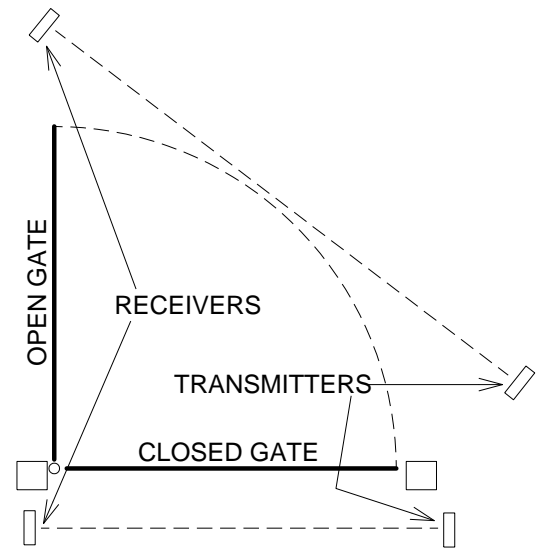
12-24 volts AC or DC
12-24 volts AC or DC



POWER INPUT
24 V AC/DC



Here are two configurations for using two sets of photo- eyes as "auto-reversing" controls. We recommend using 3' to 4' pieces of redwood or landscaping timbers as mounting posts, setting the photo-eyes about 16" above grade. To test, make sure units are powered, then break the beam. You should hear a small click in the receiver module.



NOTE: EMX (the manufacturer of the photo-eyes) SUPPLIES INSTRUCTIONS (enclosed in the IRB cartor WHICH SHOULD NOW BE CONSULTED FOR ADJUSTING THE UNITS ETC.