



INSTALLING THE EMPS3IN

The EMPS3IN is an input card for the EMOPS1 photosensor. There are inputs for up to three photosensors with local adjustment for sensitivity. The EMPS3IN should be considered as a switch that sits on the Data bus. Instead of switching with button pushes however it switches at specific light levels which can be programmed.

Hook-Up

1. Connect the EMPS3IN to the data bus using Cat. 5 cable with RJ45 connectors. Note all items on the bus must be "daisy chained" and the beginning and end items on the bus must have a terminator. If this is being added to the bus in the middle this is not a problem. If added at the end of the bus make sure the terminator is removed from the previously last item to the new last item on the bus.
2. If the ON LINE LED is not flashing re-check connections and crimps.
3. Address and define per instructions in the EM1400 Quick Hook-Up Guide and System and Software Start-Up Manual.
4. Connect up to three EMOPS1 photosensors to the EMPS3IN inputs using two #18 wires. Note that these connections are polarized and must be correctly connected. One may run two #18 wires for a distance of up to 1000ft. The wires must never be run in the same conduit as high voltage wires. They must also be kept at least 12" away from any parallel running conduit except when crossing the conduit at right angles.

5. Program the EMPS3IN to control the appropriate loads. It will show up in the PROGRAM SWITCH Menu with the Buttons replaced by TRIGGERS. The loads should be programmed as MAINTAIN. Press ENTER with MAINTAIN highlighted to get to the trigger setting menu. For more complete details see the EM1400 O&M Manual.



EMPS3IN
3 input digital photosensor card