



INSTALLING THE EM14PS

The EM14PS photosensor is designed to be wired directly to the EM1400 for single-zone outdoor lighting control applications.

1. Connect the EM14PS to the EM1400MC input using two #18 wires. Note that the wires are polarized. If they are reversed no damage will be done but the reading on the display will show as 1024 and will not change.
2. Note that it must be wired to the Master Panel with the clock display. The slave panels do not have photocell inputs.
3. Program per instructions in the EM1400 O&M Manual.



EM14PS and EMOPS1
Photosensors look the same

INSTALLING THE EMOPS1

The EMOPS1 photosensor is used with the EMPS3IN card. This card sits on the data bus and allows for more sophisticated control of light level triggers than that available with the on board photocell input of the EM 1408MC or EM 1416MC.

1. Mount the photosensors in an appropriate location. For general controls they should be mounted on the roof facing north. For areas that are shaded the photocell should be mounted to collect the light level that needs to be measured.
2. Connect the EMOPS1 to the EMPS3IN inputs using two #18 wires. Note that the wires are polarized and must be connected correctly. 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.
3. See EMPS3IN (Control Card) installation instructions on connection to EM1400 system.
4. Program per instructions in the EM1400 O&M Manual.