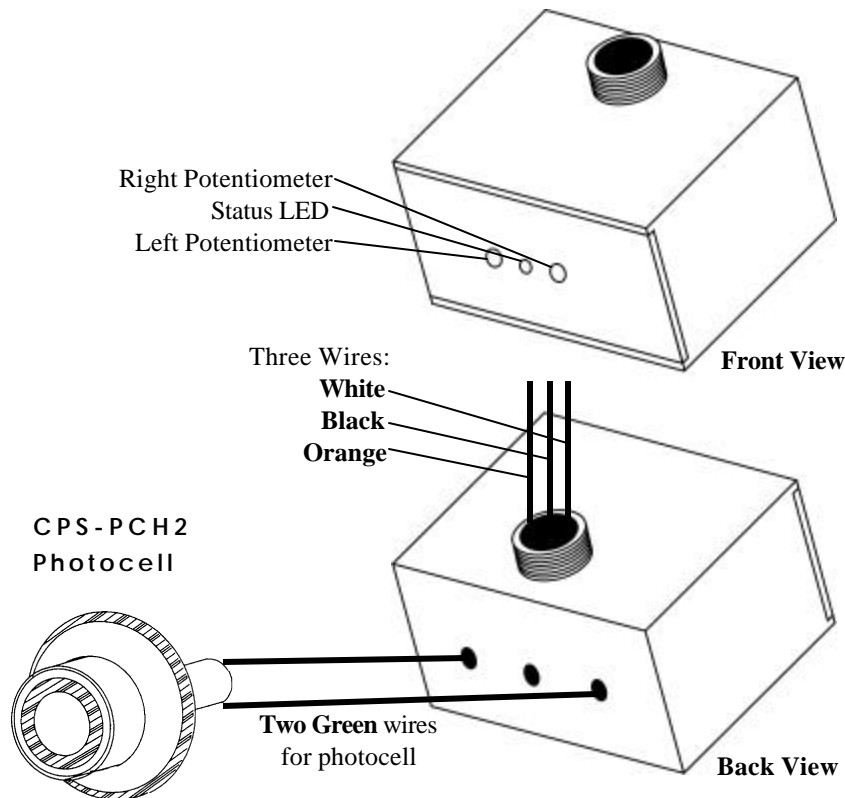


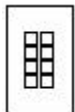
Touch-Plate® Lighting Controls

CPS-PCH2 & LCX1 Photocell and Controller



The CPS-PCH2 is a class 2, low voltage interior photocell that provides input to the CPS-LCX1 controller. The PCH2 enables the LCX1 controller to switch lights on or off. The photocell sensitivity is fixed and based upon the sensor range selected. The PCH2 is calibrated with a footcandle calibration chart for the specific control installation. The sensor measures dark at 10VDC and maximum light level at 1VDC. The maximum footcandle measurement at 1VDC is approximately 50 FC. Proper calibration of the photocell with the controller requires that the set points be at least .2VDC apart. All components are of computer grade quality and are assembled on a fiberglass epoxy circuit board to achieve the highest degree of reliability and performance. The photocell has a flat Fresnel lens that views downward in a 60 degree cone of reference to measure the actual light on the work surface. The Fresnel lens is used so that the influence of stray light striking the sensor from nearby windows or incidental light from the side by other lights will be reduced. The LCX-1 is a single channel output controller, which allows for user adjustable settings for sensitivity and delay. The LCX1 output goes into the CPS Relay Panel's "Maintain" inputs, so it can be used to control a single relay, a group of relays, or the entire panel. Whenever automatic lighting control features are needed based on natural light, the CPS-PCH2 and CPS-LCX Series Controllers are the solution. This product can also be used in conjunction with the CPS-1011 Timeclock or the Solution Series control devices to create a complete lighting control system as required by the building owner.

Power for the LCX Controller is all low-voltage and is supplied from connections to the CPS Panel Power Supply. It is easy to mount the LCX Controller inside the low-voltage section of the CPS Panel.



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