Photo Eye Power Management (PEPM)

Purpose of PEPM is to allow the installation of Photo Eyes on all Patriot or Ranger installation without draining the battery. This is accomplished by only applying power to the Photo Eye when the gate is traveling in the closed direction.

Patriot Wiring is identical to what we have done in the past using the security shunt.

PEPM Activation requires that dip switch 10 located on DS1 be turned ON. This switch is currently marked as “Not Used”.

Ranger Wiring is a little easier. Simply connect the 12 vdc power wire from the Photo Eye to J2 connector (Green 13 pin connector) pin 5.

PEPM Activation requires that dip switch 6 located DS1 be turned ON. This switch is labeled Photo Eye Enable.

- PEPM allows for any brand of Photo Eye to be used. It must be a 12 vdc device.

USAutomatic Photo Eye

Part # 550010

Send & Receive - 12 / 24 AC or DC