CP4 to US Automatic "Patriot" Connection information:

"J2" Terminal Block:
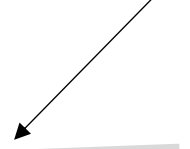

"J2" Definitions:

Terminal	
1	+12 vdc Output *(Maximum current output 1.5 amp - 1500 milliamps)*
2	Common Ground Input -12 vdc
3	Push Button Input *(normally open contacts)* *(Push button, radio control, keypad, etc.)*
4	Open Safety Edge *(normally open contacts)* *(Stops gate when opening)*
5	Close Input *(normally open contacts)*
6	Contact Edge N/O connection monitored entrapment *DS2 switch 4 must be ON when monitored edge is connected or when* **Secondary Entrapment Input is connected when in pre 2016 configuration*
7	Common Ground Input -12 vdc
8	Photo Eye N/C connection monitored entrapment *DS1 switch 8 must be on when monitored eye is connected* **Not used in pre 2016 configuration*
9	Free Exit / Open Input *(normally open contacts)* *Loop input or any hold open input such as a 7-day timer, telephone access unit, or maintain contact switch (normally open contacts). These devices open the gate and will prevent the gate from closing if the contact is maintained. Once the contacts have been released, the gate can be closed with a closed signal device or the automatic close timer feature. Receiver relay2 pre-wired for latching open.*
10	Center Loop or Under Gate Loop Input *(normally open contacts)*
11	Safety Loop / Photo-eye / Reversing Edge Input used for vehicular protection devices. *(normally open contacts)*
12	Photo Eye Power +12 vdc output 1 amp max current *Only present when DS1 switch 10 is ON and gate is moving or DS1 switch 3 and 4 are OFF and DS1 switch 10 is ON used for installation.*

White to #2 or #7

Yellow wire not used.

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CP-4 5W Connections: (Wires colors were changed with CP-4)

- **Red** Wire to J2 Terminal #1 +12 VDC
- Black Wire to J2 Terminal #2 -12 VDC Ground
- White Wire to J2 Terminal (#2 or #7) -12 VDC Ground
- **Blue** Wire to J2 Terminal #9 Free Exit/Open Input
- **Yellow** Wire is not used.

If you short "J2" terminals #7 & #9 with a short piece of wire, this should trigger your gate to open. If this is not working the exit device will not open the gate.