

GENERAL INSTALLATION INSTRUCTIONS

12V Door Interlock Safety Switch



CAUTION! Never Expose Eyes or Skin to UV-C light – Completely Read all Materials before Starting installation.

SAFETY CONSIDERATIONS:

Improper installation, adjustment, alteration, service, maintenance, or use can cause fire, electrical shock, or other conditions which may cause personal injury or property damage. Consult a qualified installer, service agency, or your supplier for information or assistance. The qualified installer or agency must use factory kits or accessories when installing this product. Refer to the individual instructions packaged with kits or accessories when installing them. Follow all safety codes, wear safety glasses and work gloves. Read all instructions thoroughly and follow any warnings or cautions attached to any accessed area. Consult local building codes and the National Electrical Code (NEC) for all applicable requirements.

Understand the signal words DANGER, WARNING or CAUTION. These words are universally used for overall safety. DANGER identifies the most serious hazards, which will result in severe personal injury or death. WARNING signifies hazards, which could result in personal injury or death. CAUTION is used to identify unsafe practices, which would result in minor personal injury or product and property damage.



WARNING: Before installing or servicing this unit, turn off and lock-out all power, there may be more than one (1) switch.

GENERAL:

The 12V Contact Controller is a full featured product that provides power to low voltage occupancy sensors (e.g. magnetic switch). It is a Class 2 output power supply, suitable for parallel interconnection. The Contact Controller switches the load(s) ON and OFF in response to signals from the magnetic reed switch provided. The Contact Controller comes with a pre-wired terminal block to accommodate up to six (6) 12V door switches.

12V Contact Controller:

- Input: 120-277Vac 50/60Hz load
- Output: 120-277Vac 50/60Hz (to fixture(s))
- Switch Signal: 12VDC
- Amps: Max 16A

Magnetic Reed Switch (note, other 12V suitable switches by others can be used)

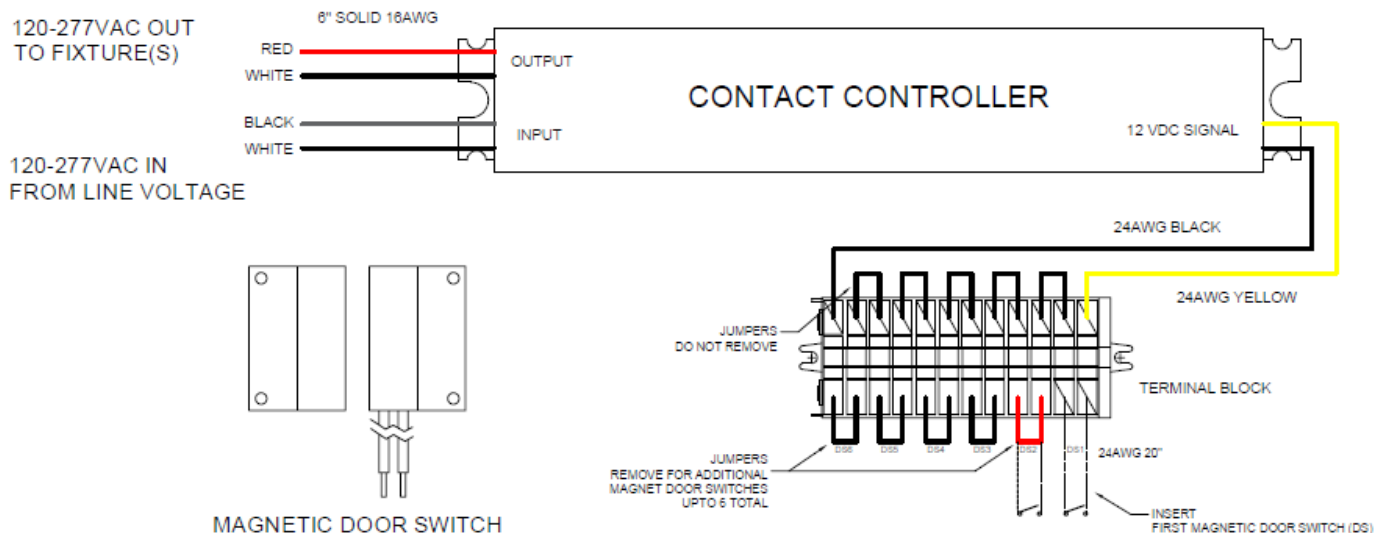
- Screw Mounting
- 20' Loom (low voltage)



CAUTION: Using the Contact Controller in any other method than shown voids product warranty and may do damage to the entire system.

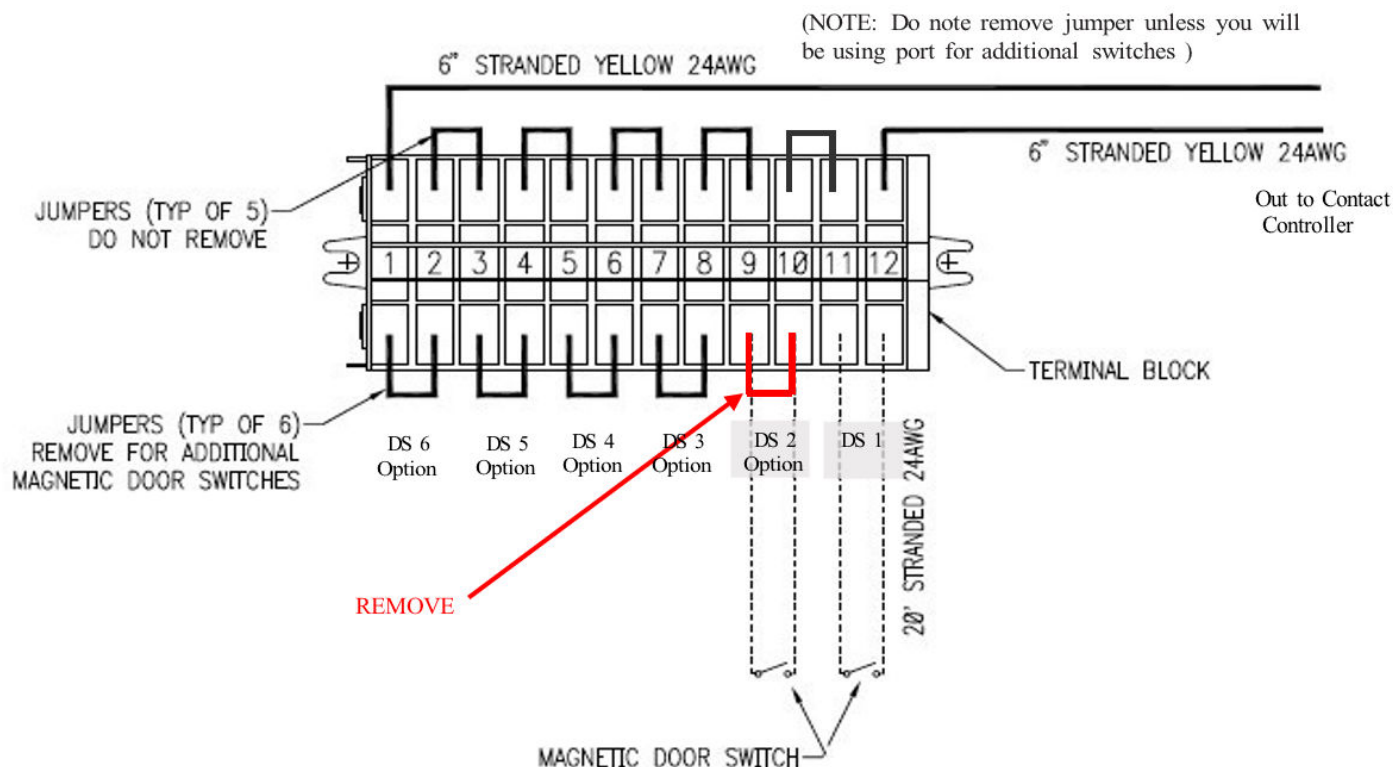
INSTALLATION:

1. Consult all applicable NEC and local codes before installing.
2. Locate where the Contact Controller will be mounted (Note: Contact Controller should be mounted in an enclosed box or panel).
3. Locate magnetic reed switch on access door/port (noting max gap of $\frac{3}{4}$ " between switches):
 - a. Using self-drilling screws provided (depending on mounting surface, it may be necessary to drill pilot holes for screws), secure magnetic reed switch, be careful not to over tighten.
4. Once mounted, run the wire to 12V Contact Controller terminal block and wire per wiring diagram (below).
5. Connect load (120-277V) to black and white INPUT wires.
6. Connect OUTPUT (120-277V) red and white wires to fixture(s).



Magnetic Reed Switch Wiring Diagram

7. To install one door switch, simply plug the low voltage wires from magnetic reed switch loom in to the first two ports on the Terminal Block ("11" & "12") – noted as "Door Switch (DS) 1" on wiring diagram (Below);
8. For additional door switches (up to 6 total) remove the "jumper" noted below as "DS 2". Insert the low voltage wire from the magnetic reed switch loom(s) into the corresponding wire block locations.
9. For each additional door switches, repeat Step 8 for DS 3 – DS 6. Remove the "jumper" from the front of Terminal Block.



Terminal Block two (2) door switch wiring diagram example

LIMITED EQUIPMENT WARRANTY

FOR DETAILED INFORMATION, VISIT <https://uvresources/warranty>

The warranty (<https://uvresources/warranty>) supersedes and replaces any warranty statements orally made by a Salesperson, Distributor or Dealer or contained in the written instructions or other Brochures or informational documents in relation to this product. This warranty gives you specific legal rights, and you may also have other rights which vary from State to State.

UV Resources (UVR) warrants to the original buyer that its Products shall be free from defects in material or workmanship under normal use for period of one year. This warranty is contingent upon proper use of Products and will not apply if adjustment, repair or parts replacement is required because of an accident, unusual physical, electrical or electro-mechanical stress, neglect, misuse, failure of electric power, humidity control, transportation, unauthorized repair actions, or not installed or maintained in accordance with UVRs' specifications. This warranty is limited to the repair and/or replacement of parts. This warranty does not cover any labor or subsequent damage incurred as the result of Product failure or indirectly arising from the design, construction, installation, servicing, or operation of Products. UVR neither assumes, nor authorizes any person to assume for it, any obligation in connection with the Products. Buyers shall not return to UVR any allegedly defective goods without UVRs' prior written authorization. This warranty may not be assigned or transferred.



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