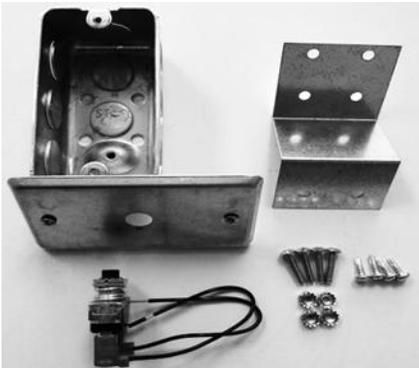




Installation and Operation Instructions



Push Rod Actuator Interlock Switch Kit 16A – 120V



NOTE: Read this entire instruction sheet before starting the installation.

IMPORTANT CONSIDERATIONS

⚠️ WARNING: To avoid electrical shock and/or unintended operation of equipment, disconnect all power to the interlock switch before proceeding with any repair or adjustment of the interlock switch.

⚠️ WARNING: Steril-Aire strongly recommends installing door interlock switches on all doors/panels accessible to UV germicidal light. Protect skin and eyes from exposure to UVC Light. UVC germicidal lamps can cause temporary eye and skin irritation.

⚠️ WARNING: Safety products sold by Steril-Aire are safety components only. The purchaser/installer is solely responsible for the application of these components and ensuring all necessary steps have been taken to assure each application and use meets all performance and applicable safety requirements and/or local, national and/or international safety codes as required by the application. Steril-Aire cannot certify that our products, used solely or in conjunction with other Steril-Aire or other vendors' products, will assure safety for any application. Any person using or applying any products sold by Steril-Aire is responsible for learning the safety requirements for their individual application and applying them, and therefore assumes all risks, and accepts full and complete responsibility, for the selection and suitability of the product for their respective application.

⚠️ WARNING: Prior to installation refer to Ampacity Table below to ensure that the Steril-Aire UV System installed does not exceed the Interlock's Maximum Ampacity.

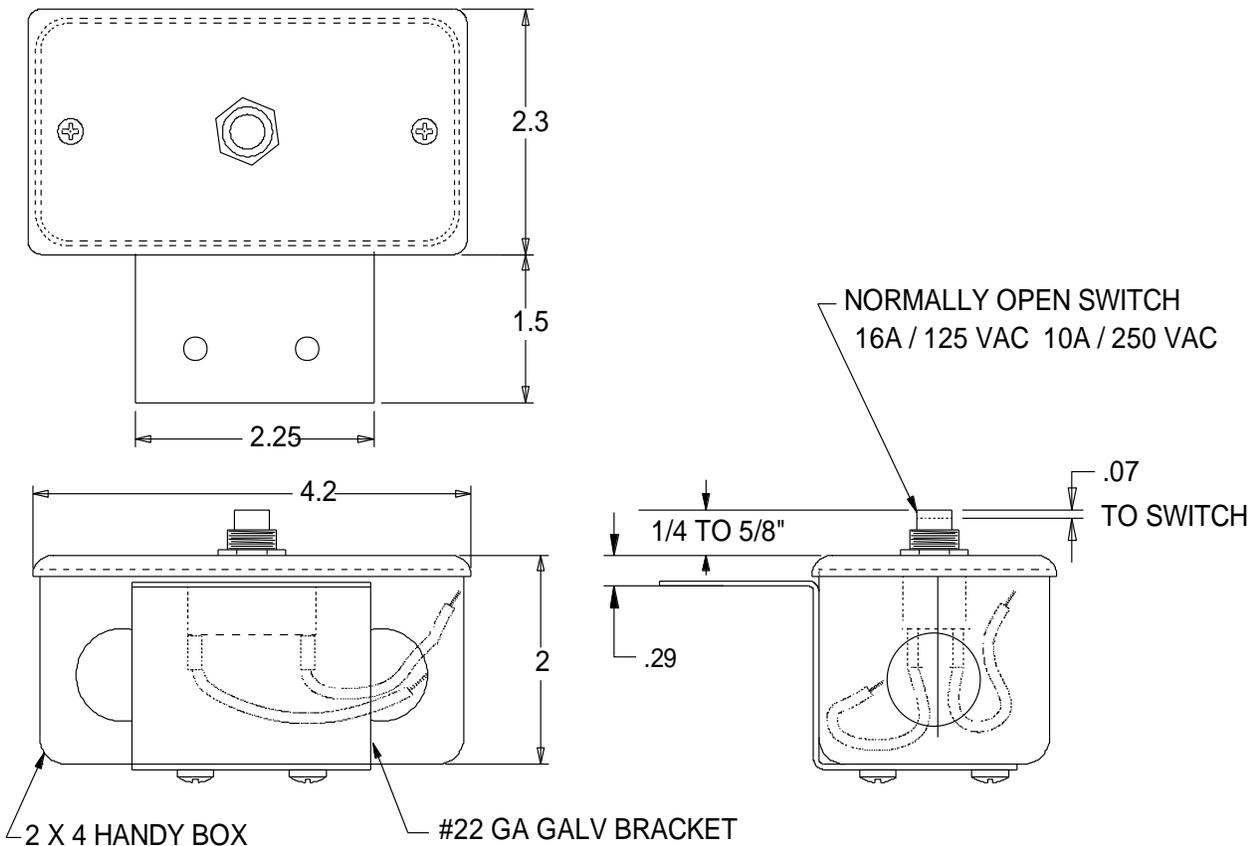
Supply Voltage	Max Ampacity (Amps)	Equivalent Max Ampacity (# of DE 621 VO Emitters)
110	16.5	12
120	16	12
208	11.5	8
240	10	7

Overview

Interlock switches are used in electrical systems to sense position. An interlock switch should be mounted on all access panels and doors leading to the UVC assembly and/or within view of the fixtures to assure the UVC assembly will be de-energized when any of these accesses are opened.

INSTALLATION & OPERATION

1. Select a location on the air handler interior wall next to the access door or panel to mount the interlock switch.
2. Install the normally open interlock switch on the interior wall of the air handler so when the access door or panel is closed the switch is closed.
3. Secure the switch to the handy box cover. Note: the push rod height can be adjusted up to 3/8 inches using the positioning nuts. The push rod actuator requires 1/16" travel to close the switch.
4. Mount the handy box to the Z bracket with the #8-32 screws and washer lock nuts provided. Using the provided #8 self-drilling, self-tapping screws, mount the assembly to the wall so the switch will close when the door is closed.
5. Install the conduit (not supplied) to the handy box and pull the wires into the box.
6. Make the electrical connections in the box.
7. Attach the box cover with the switch to the handy box using the screws provided.
8. Complete all power connections and verify the normally open switch will close when the door panel is closed. The UVC Emitters should emit a bright blue hue, indicating that it is properly powered. (See safety instructions on page 1)
9. Attach the Caution Label and Lamp Change Date Label on the air handler access doors or removable panel.
10. Test operation of lamps and interlock switches.



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