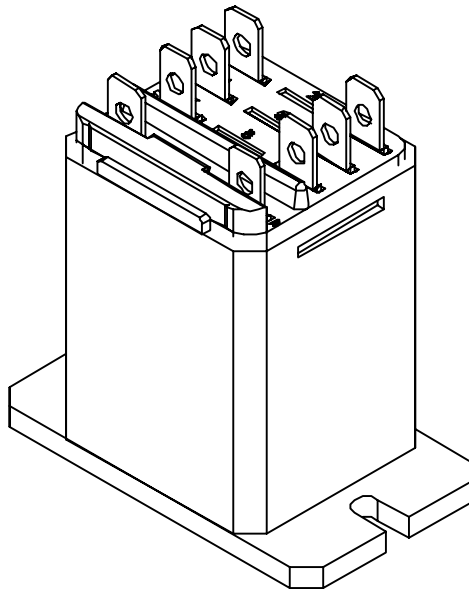




INSTALLATION INSTRUCTIONS



FOR

**641R-001A RELAY KIT FOR FANS WITH 460V
CONTACTOR COIL**

SHIVERS INCORPORATED

614 W. English Street

Corydon, IA 50060

Ph. (641) 872-1005 ** Fax (641) 872-1593

www.shivers.com

SAFETY INFORMATION

The installer of this equipment must assume responsibility for his own safety and for the safety of those working with him. He must also make sure that the equipment is installed as shown in this manual.

If any items covered in this manual are not completely understood, or there is a concern with the safety of the product, contact Shivvers at the address shown on the front cover.

ALL ELECTRICAL WIRING SHALL BE INSTALLED IN COMPLIANCE WITH THE LATEST EDITION OF THE ANSI/NFPA STANDARD 70, NATIONAL ELECTRICAL CODE, AS A MINIMUM REQUIREMENT, AND IN COMPLIANCE WITH LOCAL WIRING CODES AS APPLICABLE.

WIRING MUST BE DONE BY A COMPETENT ELECTRICIAN. A LICENSED ELECTRICIAN IS RECOMMENDED, AND MUST BE USED WHEN REQUIRED BY LOCAL OR STATE STATUTES.



Take note anytime this safety alert symbol appears. Your safety, and that of persons around you, is at stake.

The safety alert symbol will be accompanied by one of three signal words whose definitions are given as:

DANGER: Red and white. Indicates an imminently hazardous situation that, if not avoided, will result in death or serious injury. This signal word is to be limited to the most extreme situations, typically for machine components that, for functional purposes, cannot be guarded.

WARNING: Orange and black. Indicates a potentially hazardous situation that, if not avoided, could result in death or serious injury, and includes hazards that are exposed when guards are removed. It may also be used to alert against unsafe practices.

CAUTION: Yellow and black. Indicates a potentially hazardous situation that, if not avoided, may result in minor or moderate injury. It may also be used to alert against unsafe practices.

INSTALLING RELAY

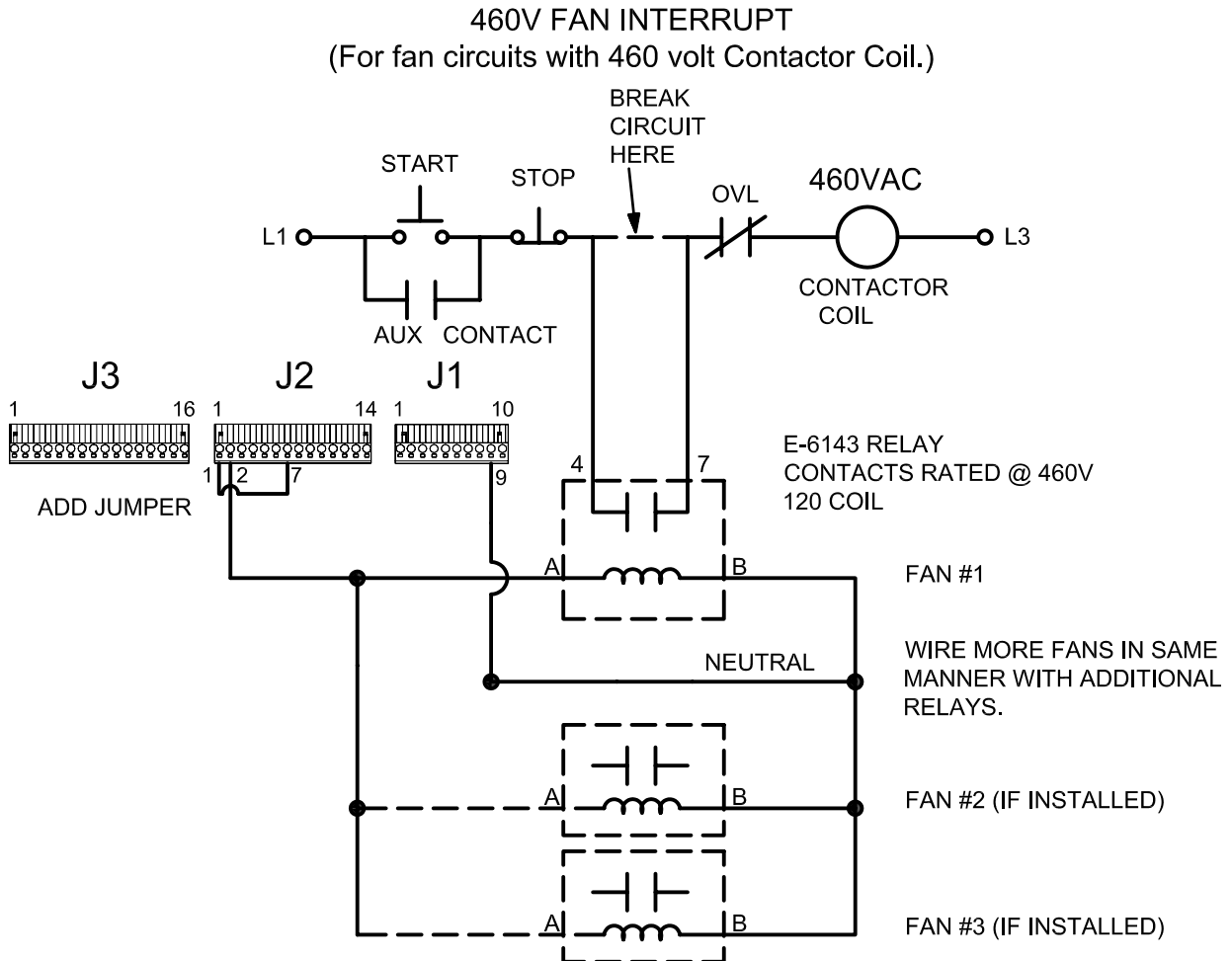
WIRING THE FAN INTERRUPT for fans with 460 volt contactor coil:
 (Such as Sukup Double Inlet 460V Centrifugals.) One kit is required for each fan.



DANGER Make sure all power is disconnected and locked out.

Do not connect 460 Volt wires to CompuDry Command Center. Do not run 460 Volt wires in same conduit with 120 Volt control wires.

Mount an E-6143 Relay in a convenient location in each fan control box. Run two wires from the Command Center to each fan. These wires will control the E-6143 Relay Coil. The contacts of the E-6143 Relay will wire in series with the fan stop switch to allow the Command Center to shut off the fan.



INSTALLING RELAY

