

DC Alarm Kit

K29-32410 for SL575/585/595 Operators

CARTON INVENTORY

- Alarm with wire harness (1)
- Extra blue wire stripped on both sides (connects J1-3 to J1-15) (1)
- Wire ties (4)
- Flange (41-G0538) (1)

TOOLS NEEDED

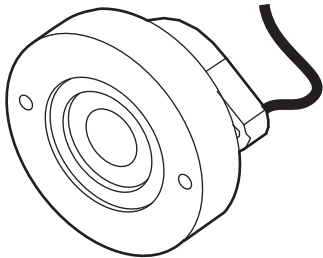
- Pliers
- #2 Phillips Screw driver
- 1/8" flat Phillips Screw driver
- Diagonal wire cutters
- Wire strippers

WARNING

Disconnect power at the fuse box before proceeding. If necessary remove the operator from its mounted position. Operator **MUST** be properly grounded and connected in accordance with local electrical codes. **NOTE: the operator should be on a separate fused line of adequate capacity.** ALL electrical connections **MUST** be made by a qualified individual.

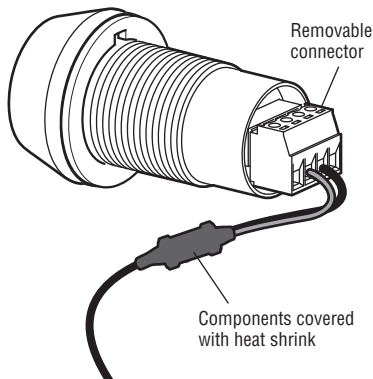
HOW TO IDENTIFY THE AC AND DC ALARM

AC ALARM



- NO removable connector
- Short body
- Wire harness **DOES NOT** have components covered with heat shrink

DC ALARM



- Removable connector
- Long body
- Wire harness has components covered with heat shrink

**For more information,
please visit www.devancocanada.com or call toll free at 855-931-3334**

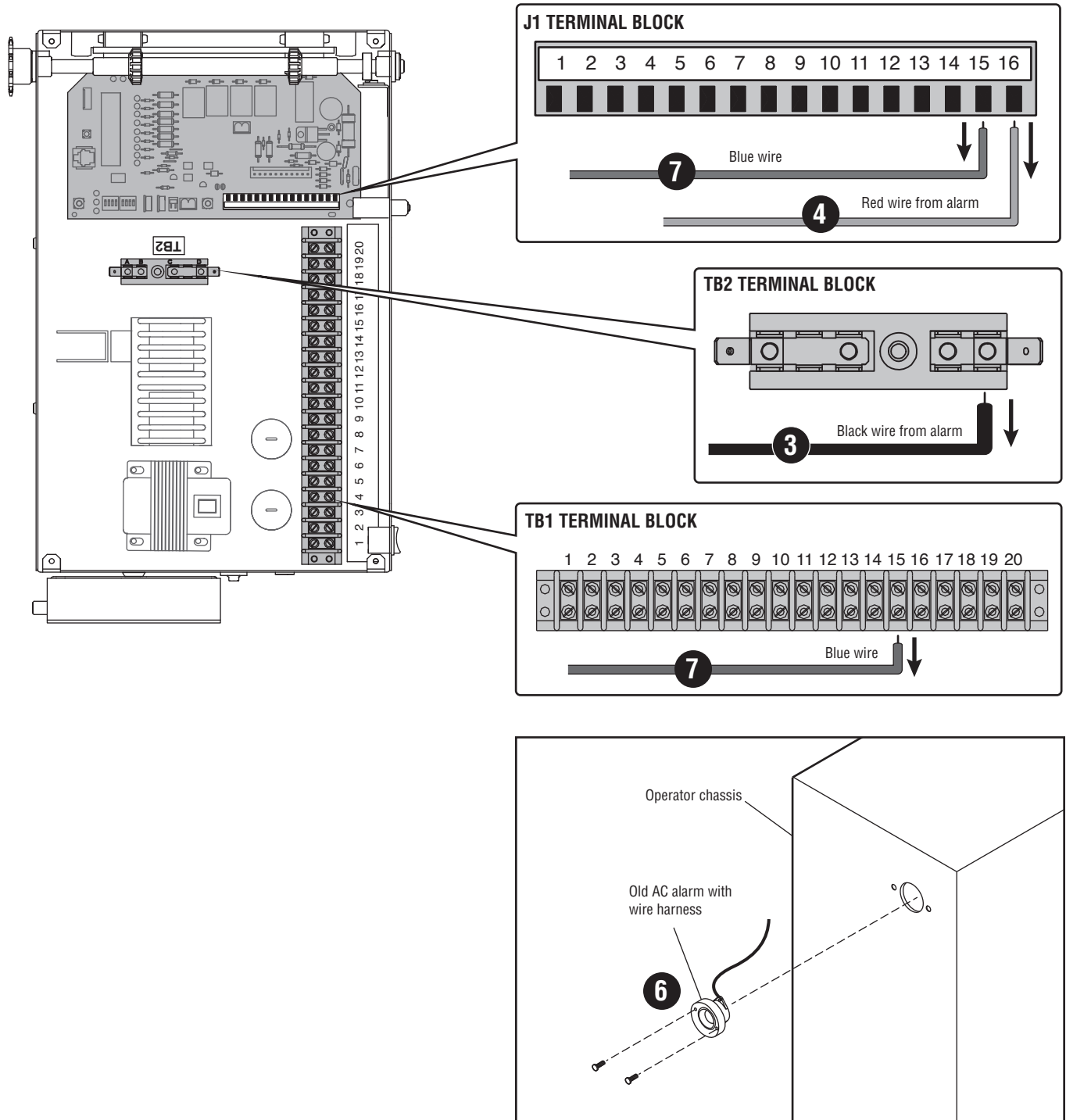
LiftMaster®

REPLACE AC ALARM WITH THE NEW DC ALARM

Remove the existing AC alarm:

1. Disconnect power from the operator.
 2. Locate the wire harness from the existing alarm.
 3. Disconnect the black wire from TB2-R2.
 4. Disconnect the red wire from J1-16.
- NOTE:** The J1 terminal block can be removed from the main board to aid in wiring. If you remove the terminal block, make sure to replace it securely on the main board.

5. Cut any wire ties holding the wire harness.
6. Remove the screws holding the alarm to the chassis. Remove the old alarm from the chassis.
7. Disconnect the blue wire from TB1-15 and J1-15.

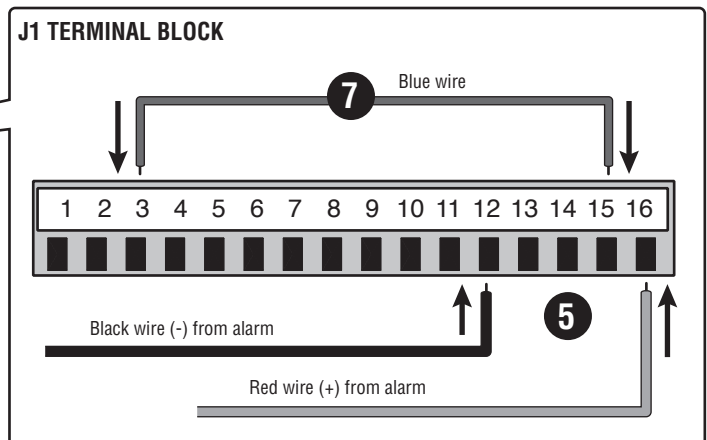
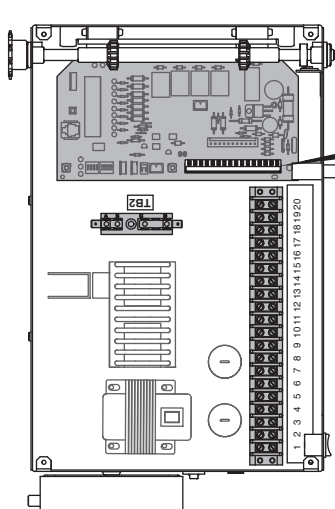
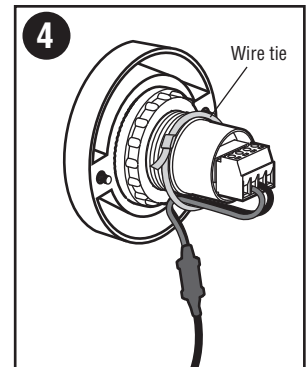
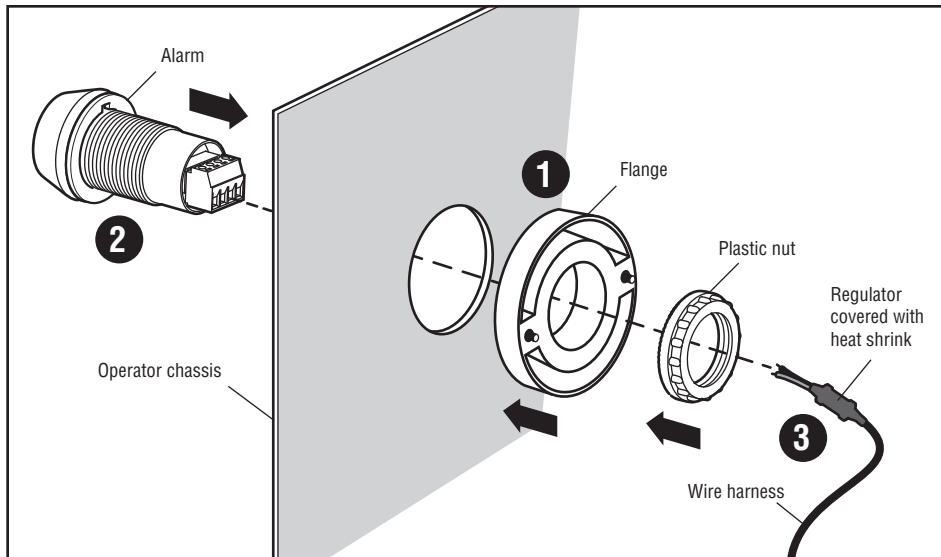


Install the new DC alarm:

1. Insert the provided alarm flange onto the chassis using the mounting holes that held the old alarm.
2. Mount the alarm in the flange.
 - a. Remove the plastic nut from the alarm.
 - b. Insert the alarm through the flange.
 - c. Secure the alarm to the flange with the plastic nut.
3. Locate the end of the new wire harness with the regulator covered with heat shrink. Connect the two wires from the regulator to the connector on the alarm. Polarity is not important.

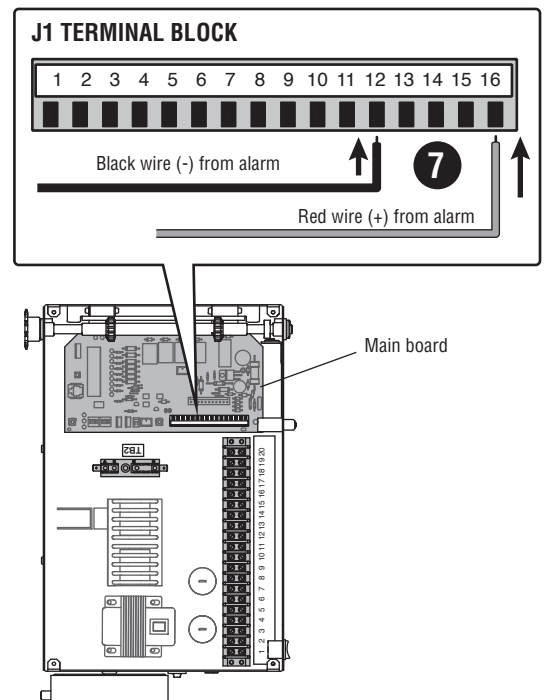
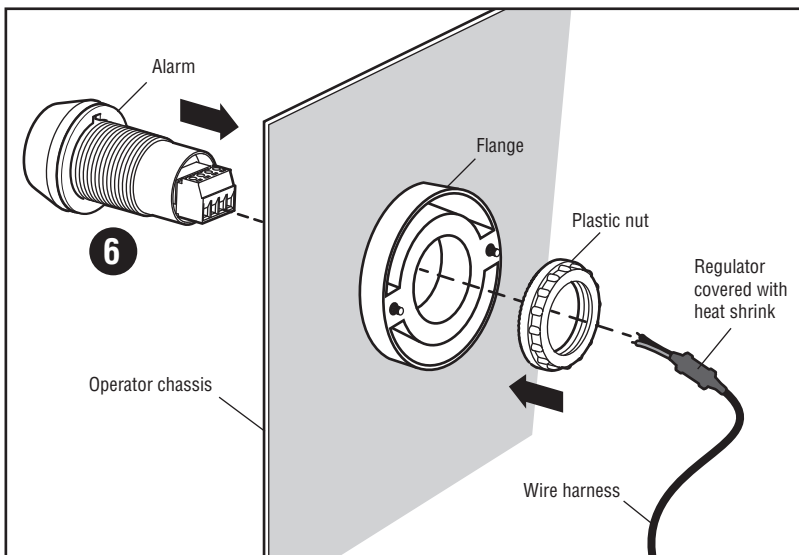
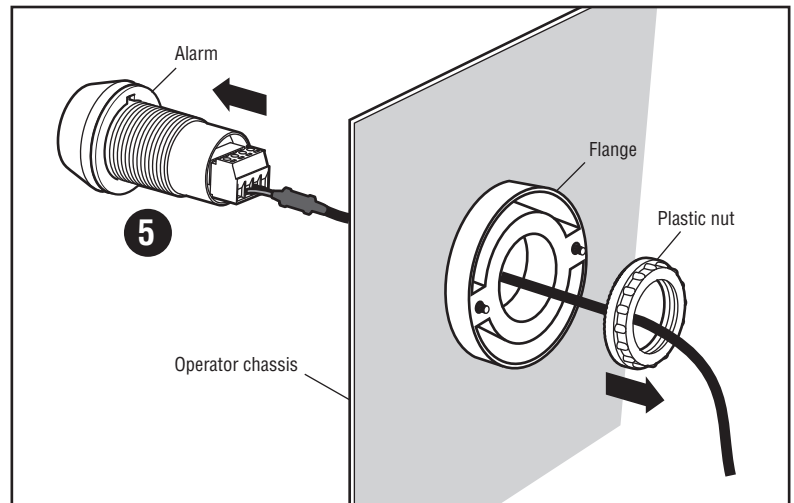
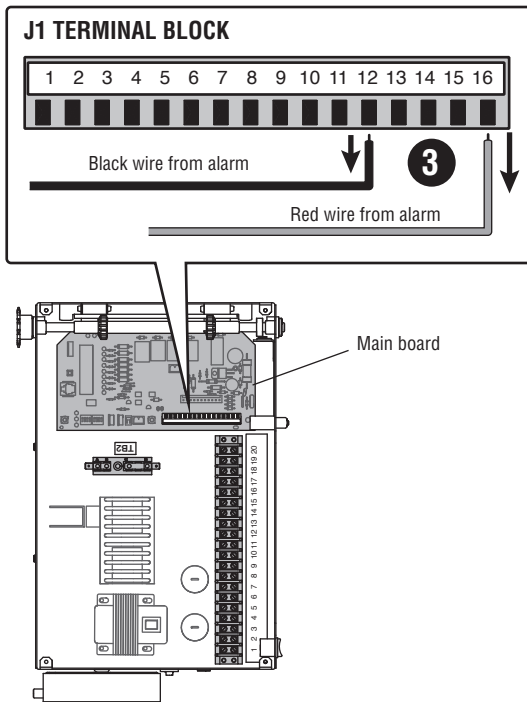
NOTE: The connector can be removed from the alarm to aid in assembly. If you remove the connector to fasten the wires, make sure to replace it securely on the alarm.

4. Use a provided wire tie to secure the wires from the alarm to the body of the alarm as shown to prevent the wires from being tangled in the sprocket.
5. Route the new wire harness to the main board. Connect the red wire to J1-16. Connect the black wire to J1-12. Note that polarity is important here (see illustration). If NOT connected with correct polarity, the alarm will be damaged.
6. Use the wire ties provided to secure the harness.
7. Connect the provided blue wire between J1-3 and J1-15.
8. Restore power to the operator.



REPLACE DC ALARM WITH THE NEW DC ALARM

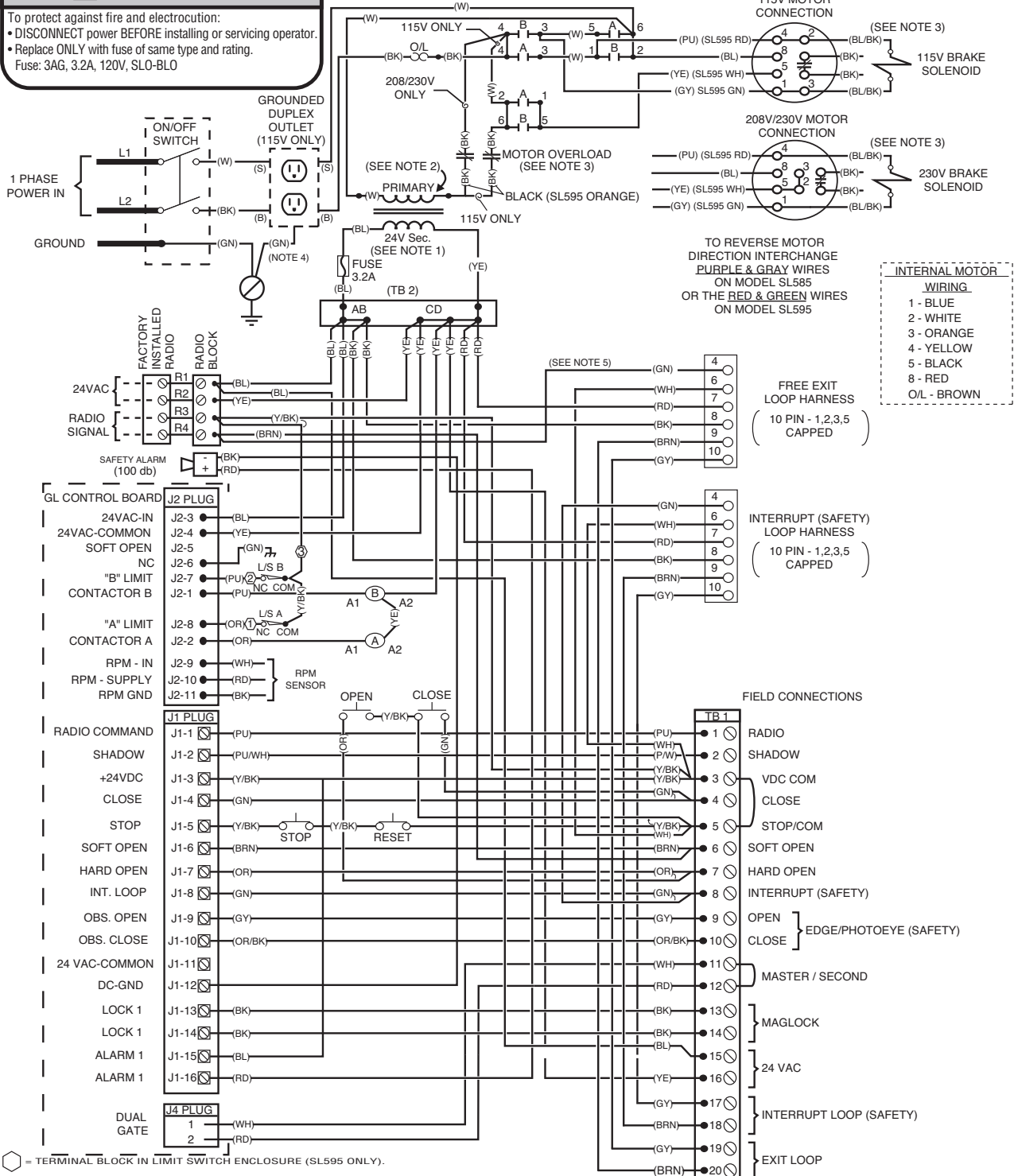
1. Disconnect power from the operator.
2. Locate the wire harness from the existing alarm which is connected to the J1 terminal block. **Note how the wire harness is routed from the chassis, through the ebox to the terminal block so that you can follow the same route with the new wire harness.**
3. Disconnect the wire harness from J1-16 and J1-12. **NOTE: The J1 terminal block can be removed from the main board to aid in wiring. If you remove the terminal block, make sure to replace it securely on the main board.**
4. Cut any wire ties holding the wire harness.
5. Remove the plastic nut that holds the alarm onto the flange and remove the old alarm and wire harness from the operator.
6. Mount the new alarm and wire harness in the reverse fashion that the old one was removed.
7. Route the wire harness to the main board following the same path as the old harness. Connect the red wire to J1-16, and the black wire to J1-12. Polarity is important (see illustration). If NOT connected with correct polarity, the alarm will be damaged.
8. Restore power to the operator.



SINGLE PHASE WIRING DIAGRAM

WARNING

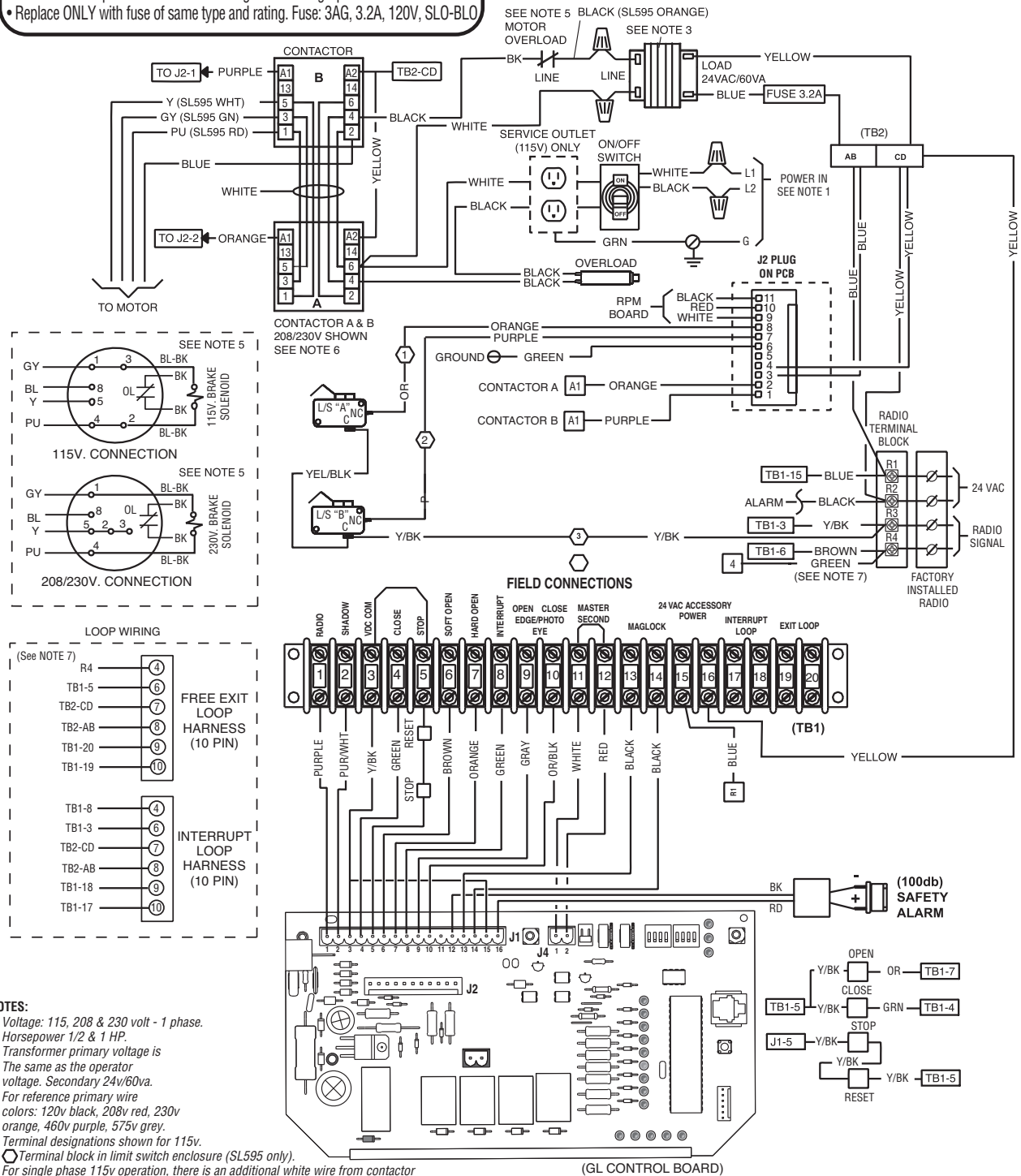
- To protect against fire and electrocution:
- DISCONNECT power BEFORE installing or servicing operator.
 - Replace ONLY with fuse of same type and rating.
- Fuse: 3AG, 3.2A, 120V, SLO-BLO



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⚠ WARNING

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- NOTES:**
1. Voltage: 115, 208 & 230 volt - 1 phase.
 2. Horsepower 1/2 & 1 HP.
 3. Transformer primary voltage is the same as the operator voltage. Secondary 24v/60va. For reference primary wire colors: 120v black, 208v red, 230v orange, 460v purple, 575v grey.
 4. Terminal designations shown for 115v.
 5. Terminal block in limit switch enclosure (SL595 only).
 6. For single phase 115v operation, there is an additional white wire from contactor A2 to contactor B4 and the black wire from the transformer to contactor B4 goes to B6.
 7. When using a remote control or single button control station in lieu of the soft open feature, perform the following modifications to the operator:
 - Remove the green wire from R4 of the radio block and mount the wire to terminal block TB1 position 6.
 - Move the brown wire on terminal block TB1 position 6 (from radio block R4) to terminal block TB1 position 1.

NOTES:

***HOW TO ORDER
REPAIR PARTS***

DEVANCO CANADA

19192 HAY ROAD, UNIT Q
SUMMERSTOWN, ON K0C 2E0

TOLL FREE: 855-931-3334

www.devancocanada.com

**WHEN ORDERING REPAIR PARTS
PLEASE SUPPLY THE
FOLLOWING INFORMATION:**

- ✓ PART NUMBER
- ✓ DESCRIPTION
- ✓ MODEL NUMBER