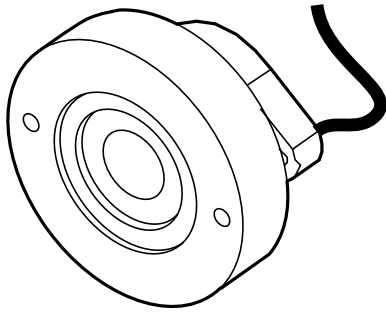


DC Alarm Kit

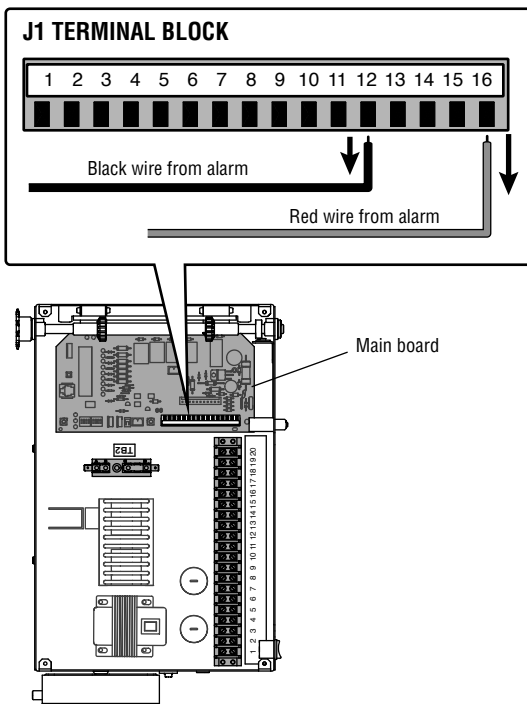
K29-32410 for SL575, SL585, and SL595 Operators



REMOVE THE EXISTING DC ALARM

1. Disconnect power from the operator.
2. Disconnect the wire harness from the main board connections J1-16 and J1-12 (Figure 1).
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.
3. Remove the existing alarm and wire harness (Figure 2).

FIGURE 1



! WARNING

To reduce the risk of INJURY or DEATH:

- Disconnect all power BEFORE installing or servicing operator.
- See manual prior to servicing regarding maintenance and required safety testing.



WARNING: This product can expose you to chemicals including lead, which are known to the State of California to cause cancer or birth defects or other reproductive harm. For more information go to www.P65Warnings.ca.gov.

CARTON INVENTORY

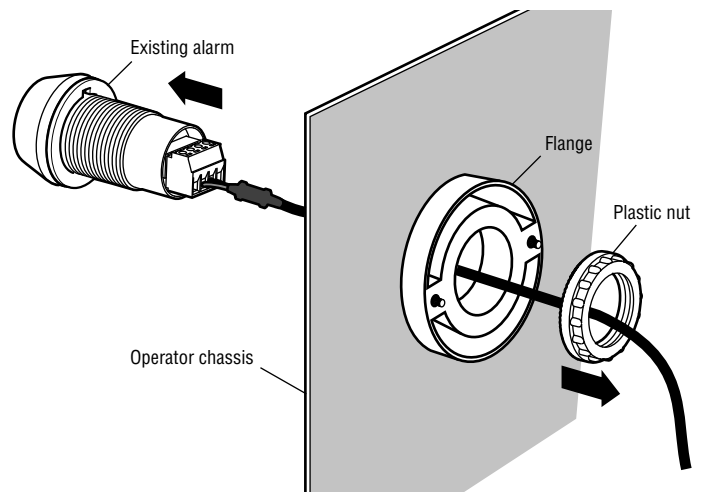
- Alarm with wire harness (1)
- Extra blue wire stripped on both sides (connects J1-3 to J1-15) (1)
- Wire ties (4)
- Flange (41-G0538) (1)

TOOLS NEEDED

- Pliers
- #2 Phillips Head screwdriver
- 1/8" flat Phillips Head screwdriver
- Diagonal wire cutters
- Wire strippers

FIGURE 2

For reference only. Your equipment may look different.



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 (Figure 3).
 - 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. 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.
4. 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 (Figure 4).
5. Use the wire ties provided to secure the harness.
6. Connect the provided blue wire between J1-3 and J1-15 (Figure 4).
7. Restore power to the operator.

FIGURE 3

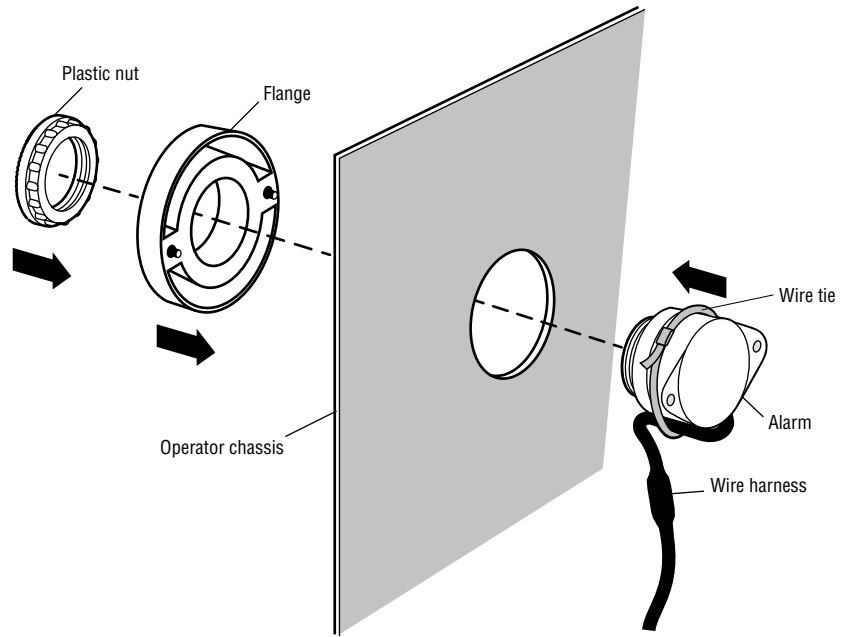
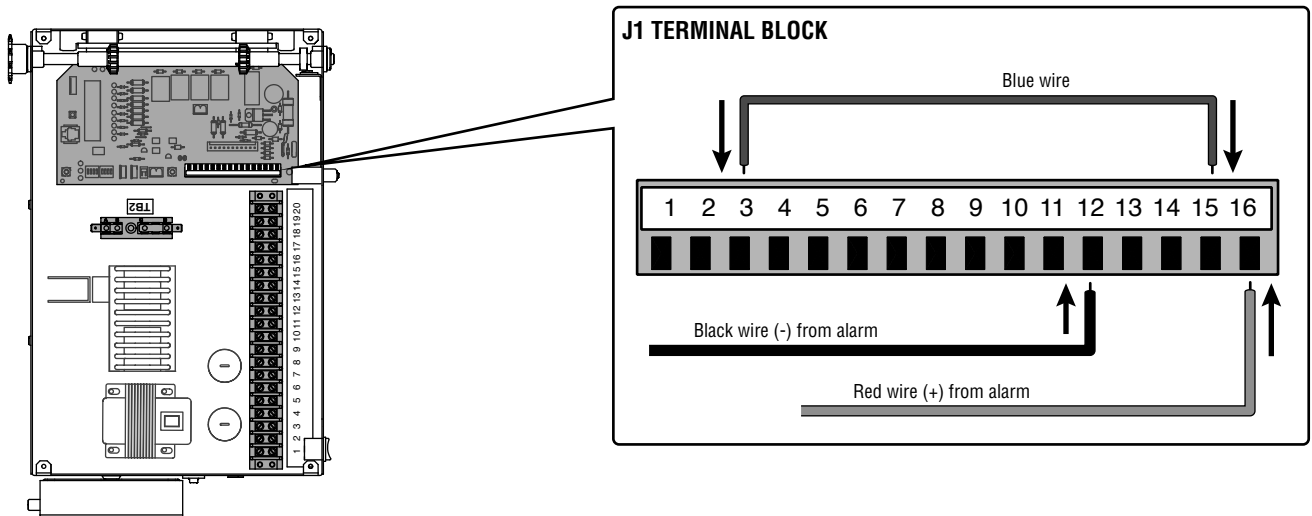


FIGURE 4

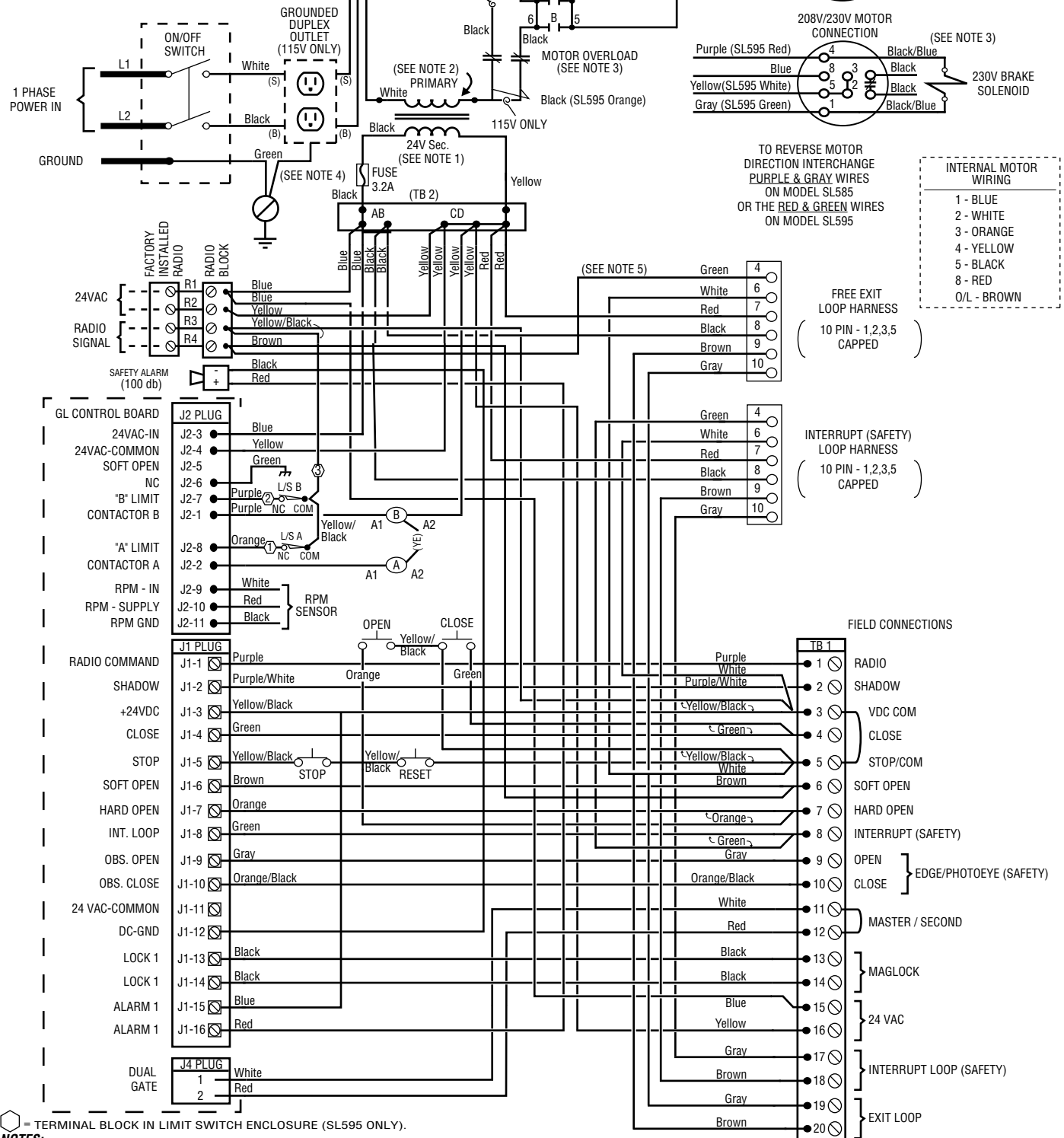


SINGLE PHASE WIRING DIAGRAM



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



⬡ = TERMINAL BLOCK IN LIMIT SWITCH ENCLOSURE (SL595 ONLY).

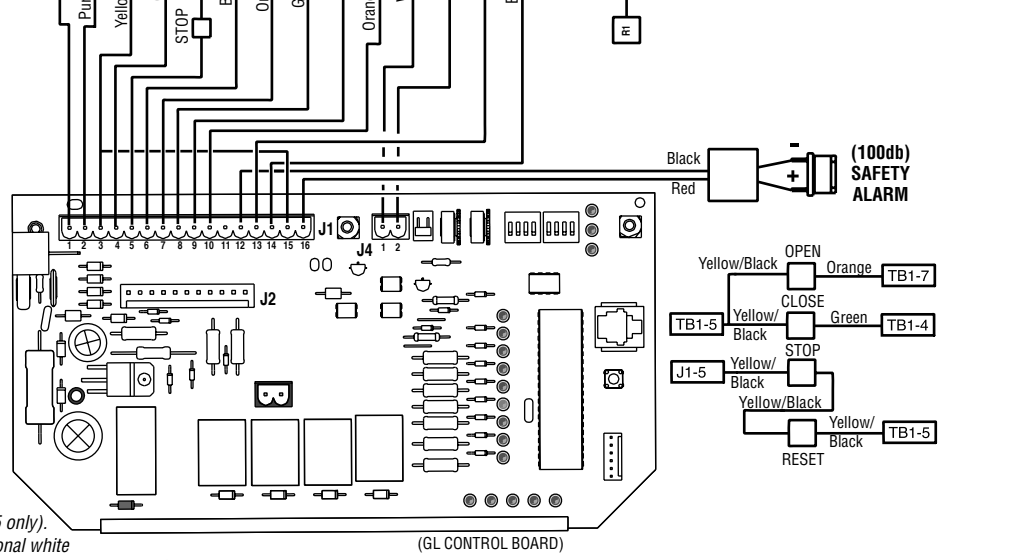
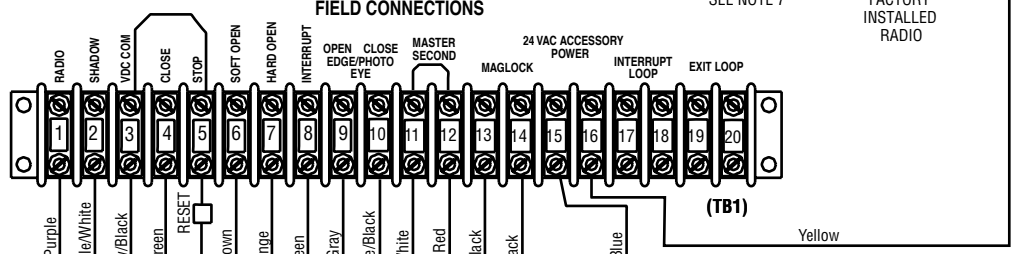
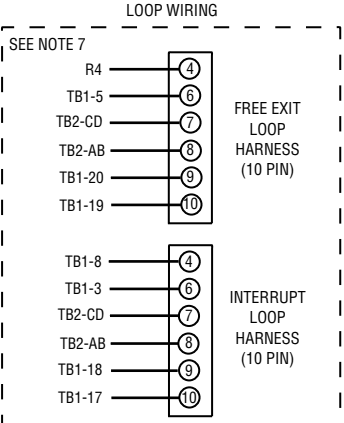
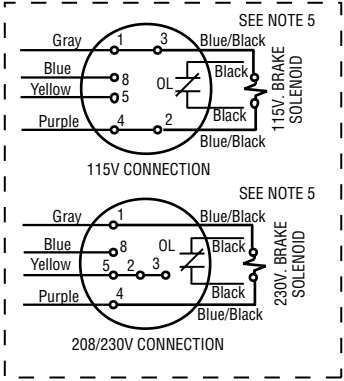
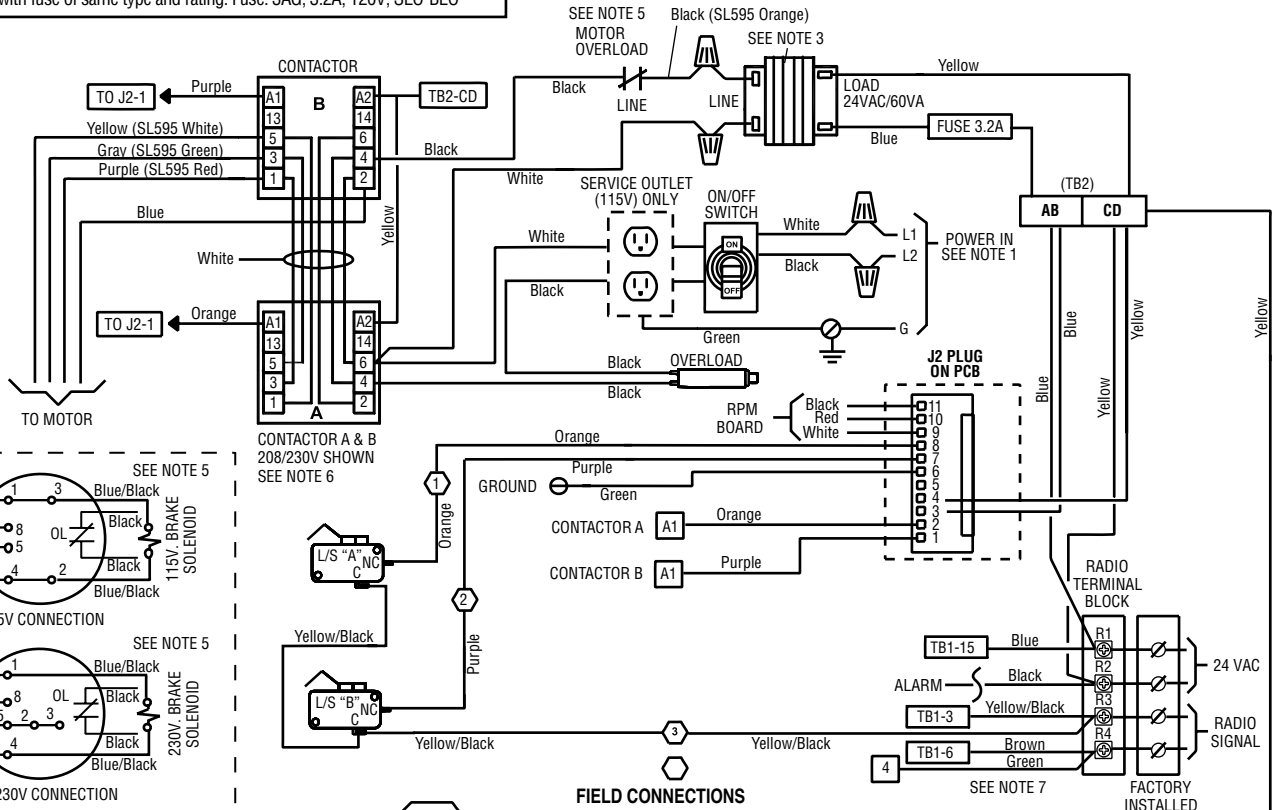
NOTES:

1. Transformer primary voltage same as operator line voltage 24V secondary 60VA.
2. Wire color: 115V black, 208V red, 230V orange.
3. Single phase units are equipped with an external line break device and may be equipped with an additional internal pilot duty thermal o/l device.
4. Outlet wiring: Black wire to brass screw, white wire to silver screw and green wire to green screw.
5. When using a remote control or Single Button Control Station in lieu of the Soft Open feature, perform the following modifications to the operator:
 1. Remove the green wire from R4 of the radio block and mount the wire to terminal block TB1 position 6.
 2. Move the brown wire on Terminal Block TB1 position 6 (from radio block R4) to Terminal Block TB1 position 1.

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



- 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.