

**SQUARE D**  
**CLASS 8501, TYPE LS**  
**SOLID STATE RELAY**

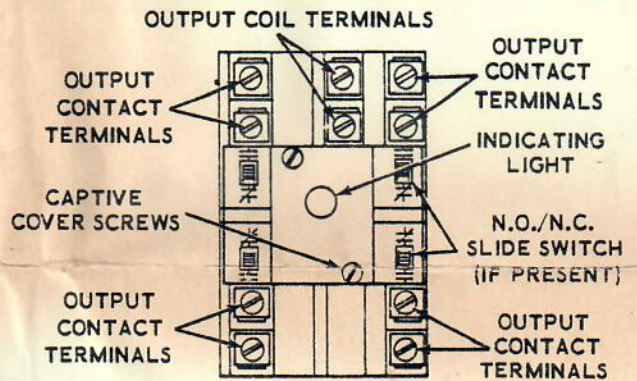
Instruction Sheet  
 30072-200-26  
 January, 1973

**GENERAL**

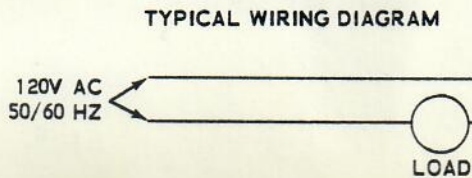
The Class 8501, Type LS Solid State Relay contains circuitry and provides mounting for up to four Output Contacts. Upon application of rated voltage to coil terminals, the indicating light will glow and all Output Contacts will operate.

**MOUNTING RECOMMENDATIONS**

For surface mounting, use two 8-32 screws, 3-1/8 inches apart.  
 Mount devices on 2-1/4 inch centers.



**FIGURE 1**  
 RELAY BASE WITH FOUR OUTPUT CONTACTS INSTALLED



**TYPICAL WIRING DIAGRAM**

**TEST PROCEDURE**

1. Mount Output Contact on relay base.
2. Connect 25-100W lamp load as shown in Figure 2.
3. Energize coil terminals of relay.
4. Determine condition of Output Contact as follows:

CONTACT CLOSED - LAMP ON  
 CONTACT OPEN - LAMP OFF

**SPARE PARTS - OUTPUT CONTACTS**

Normally Open -Class 8501, Type LSA

Normally Closed -Class 8501, Type LSB

Convertible (N. O./N. C.)-Class 8501, Type LSC

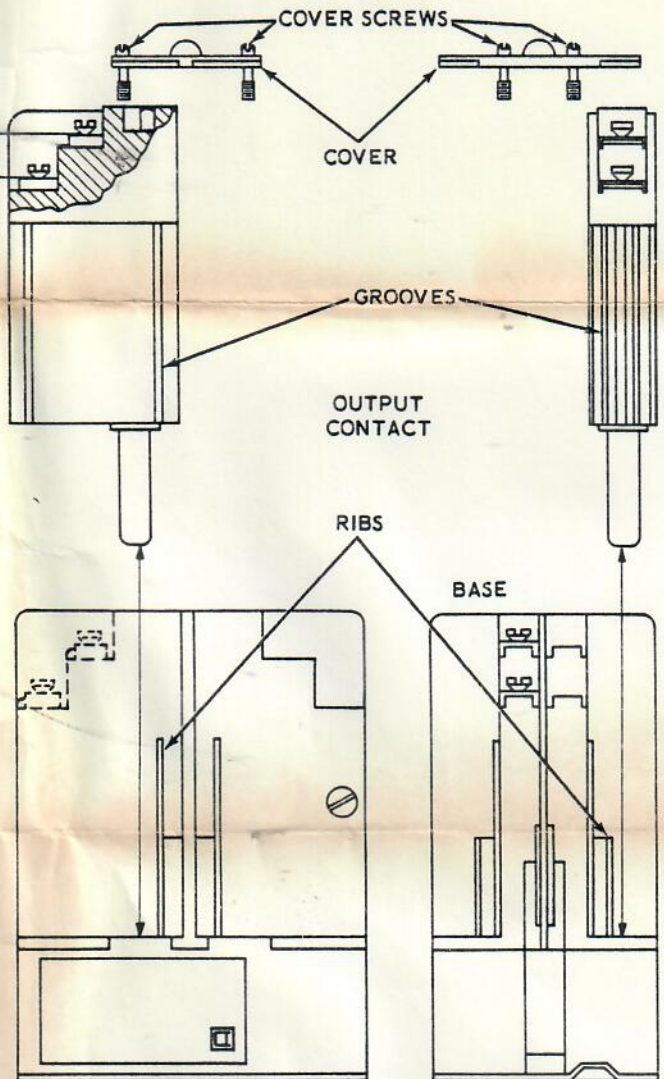
**OUTPUT CONTACT  
 INSTALLATION AND REMOVAL**

**INSTALLATION**

1. Align grooves of Output Contact with two matching ribs in Base.
2. Slide Output Contact straight in until top is flush with cover mounting surface.
3. Replace cover with lens directly over indicating light.
4. Tighten cover screws.

**REMOVAL**

1. Loosen (2) captive cover screws.
2. Remove cover.
3. Remove Output Contacts by pulling straight out as shown in Figures 2A and 2B.



**FIGURE 2A**  
 SIDE VIEW

**FIGURE 2B**  
 END VIEW