

REFER TO SERVICE BULLETIN FORM 511 FOR DETAILED WIRING

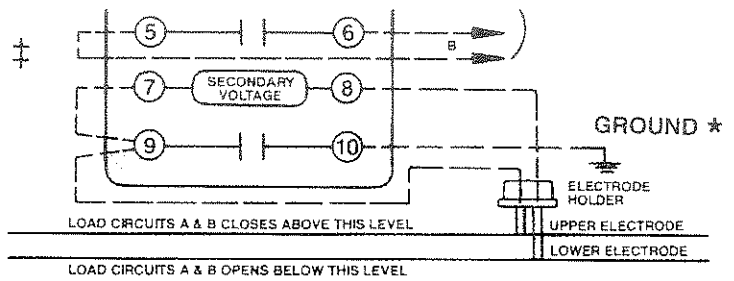
INDUCTION RELAY CONTACT ARRANGEMENT	WIRING DIAGRAM AND OPERATION	TYPICAL APPLICATIONS						
<p>1500-C RELAY</p> <p>Contact Arrangement</p> <table border="1"> <tr> <td>Normally Open</td> <td>Normally Closed</td> <td>Holding Circuit</td> </tr> <tr> <td>1</td> <td>0</td> <td>1</td> </tr> </table>	Normally Open	Normally Closed	Holding Circuit	1	0	1	<p>Form 596</p>	<p>Pump Down Control for sewage and sump pumps, condensate return systems, etc. Low Level Cutoff for submersible pumps. Normally closed Solenoid Valve Control for discharging liquids from tanks, etc.</p> <p>(Similar to 1100-LH)</p>
Normally Open	Normally Closed	Holding Circuit						
1	0	1						
<p>1500-F RELAY</p> <p>Contact Arrangement</p> <table border="1"> <tr> <td>Normally Open</td> <td>Normally Closed</td> <td>Holding Circuit</td> </tr> <tr> <td>2</td> <td>0</td> <td>1</td> </tr> </table>	Normally Open	Normally Closed	Holding Circuit	2	0	1	<p>Form 599</p>	<p>Same as 1500-C Relay above except that additional Normally Open contact is provided to permit simultaneous operation of second pump. Extra contact can also be used for signal purposes if desired.</p> <p>(Similar to 1100-2LH)</p>
Normally Open	Normally Closed	Holding Circuit						
2	0	1						
<p>1500-D RELAY</p> <p>Contact Arrangement</p> <table border="1"> <tr> <td>Normally Open</td> <td>Normally Closed</td> <td>Holding Circuit</td> </tr> <tr> <td>0</td> <td>1</td> <td>1</td> </tr> </table>	Normally Open	Normally Closed	Holding Circuit	0	1	1	<p>Form 597</p>	<p>Pump Up Control for supply pumps on elevated tanks and towers, carbonators, etc. High Level Cutoff for pumps and valves. Normally closed Solenoid Valve Control for plating tank and boiler make-up, etc.</p> <p>(Similar to 1100-RH)</p>
Normally Open	Normally Closed	Holding Circuit						
0	1	1						
<p>1500-H RELAY</p> <p>Contact Arrangement</p> <table border="1"> <tr> <td>Normally Open</td> <td>Normally Closed</td> <td>Holding Circuit</td> </tr> <tr> <td>0</td> <td>2</td> <td>1</td> </tr> </table>	Normally Open	Normally Closed	Holding Circuit	0	2	1	<p>Form 601</p>	<p>Same as 1500-D Relay above except that additional Normally Closed contact is provided to permit simultaneous operation of second pump. Extra contact can also be used for signal purposes if desired.</p> <p>(Similar to 1100-2RH)</p>
Normally Open	Normally Closed	Holding Circuit						
0	2	1						
<p>1500-G RELAY</p> <p>Contact Arrangement</p> <table border="1"> <tr> <td>Normally Open</td> <td>Normally Closed</td> <td>Holding Circuit</td> </tr> <tr> <td>1</td> <td>1</td> <td>1</td> </tr> </table>	Normally Open	Normally Closed	Holding Circuit	1	1	1	<p>Form 600</p>	<p>Pump Up or Pump Down Control for same applications listed above for BIW 1500-C and 1500-D Relays. It is also suitable for use in controlling hydropneumatic tanks and motorized valve installations.</p> <p>(Similar to 1100-DH)</p>
Normally Open	Normally Closed	Holding Circuit						
1	1	1						

CAUTION: Electrodes are terminals of live electrical circuits and must be installed to prevent accidental contact by personnel. Control power must be disconnected before servicing.

* A GOOD DEPENDABLE GROUND RETURN CONNECTION TO THE LIQUID IS REQUIRED.

‡ For direct wiring to a 208-240VAC, 1 phase load device, 2 load contacts are required; see Series 1500E, F & H Relays.

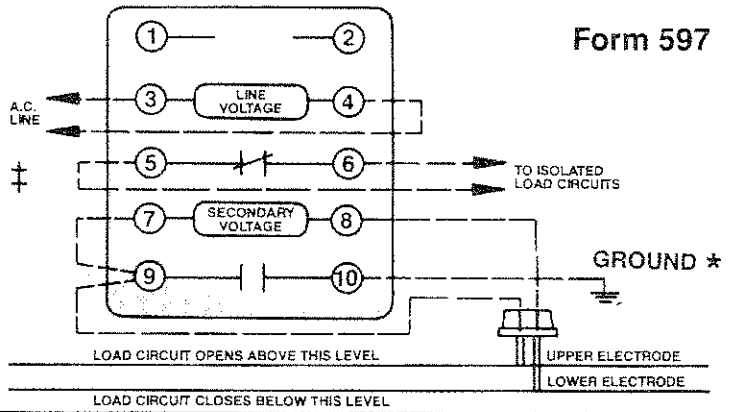
Normally Open	Normally Closed	Holding Circuit
2	0	1



1500-D RELAY

Contact Arrangement

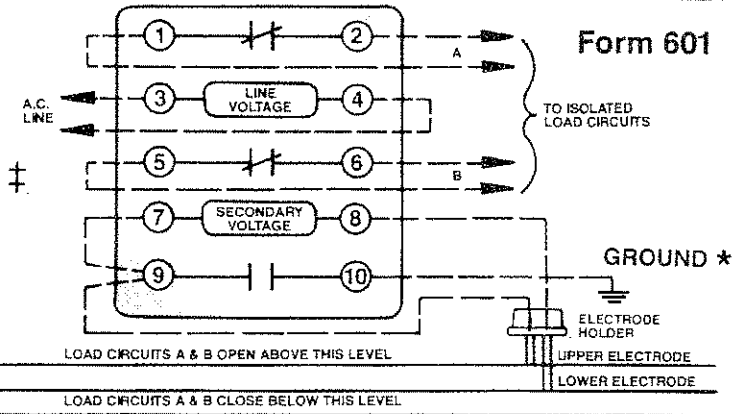
Normally Open	Normally Closed	Holding Circuit
0	1	1



1500-H RELAY

Contact Arrangement

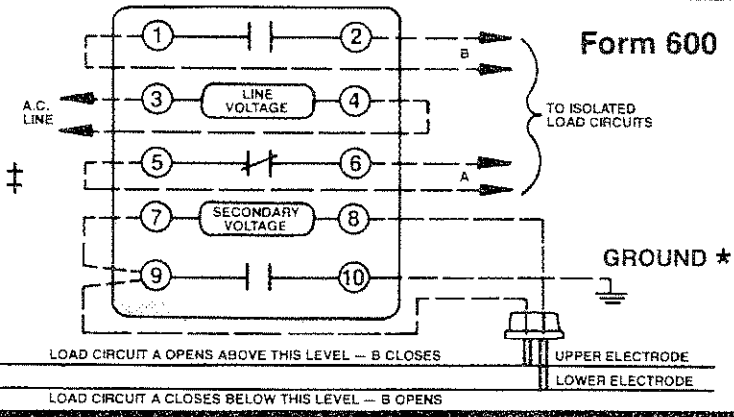
Normally Open	Normally Closed	Holding Circuit
0	2	1



1500-G RELAY

Contact Arrangement

Normally Open	Normally Closed	Holding Circuit
1	1	1



CAUTION: Electrodes are terminals of live electrical circuits and must be installed to prevent power must be disconnected before servicing.

*** A GOOD DEPENDABLE GROUND RETURN CONNECTION TO 1**

‡ For direct wiring to a 208-240VAC, 1 phase load device, 2 load contacts are 1