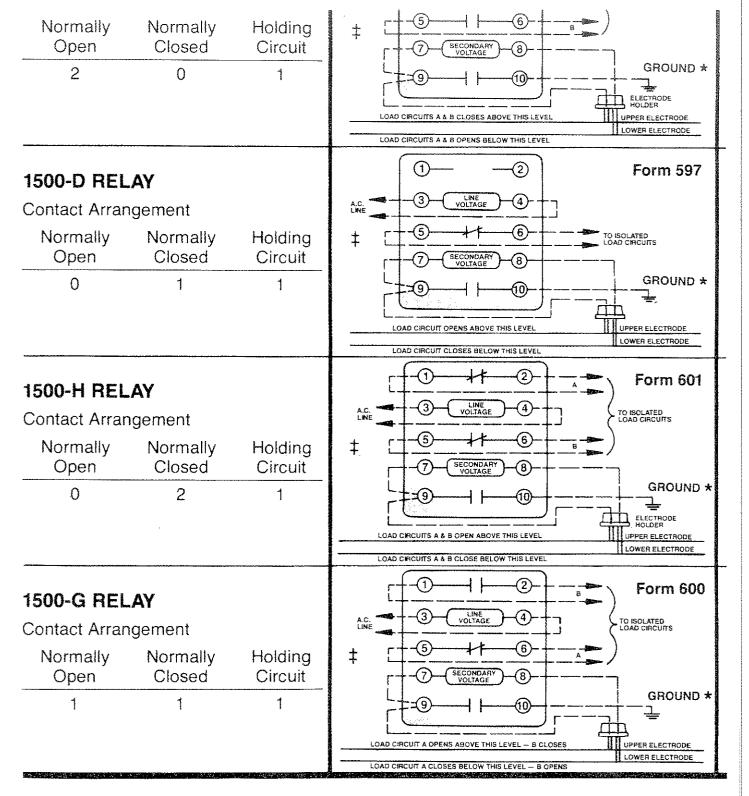


## REFER TO SERVICE BULLETIN FORM 511 FOR DETAILED WIRING **TYPICAL** WIRING DIAGRAM INDUCTION RELAY APPLICATIONS CONTACT ARRANGEMENT AND OPERATION Form 596 --2 1500-C RELAY Pump Down Control for sewage and )--@ Contact Arrangement sump pumps, condensate return systems, etc. Low Level Cutoff for submer-Normally Normally Holding sible pumps. Normally closed Solenoid Open Closed Circuit Valve Control for discharging liquids 1 0 GROUND \* from tanks, etc. ELECTRODE (Similar to 1100-LH) Form 599 2 1500-F RELAY Same as 1500-C Relay above except 4 D ISOLATED that additional Normally Open contact is Contact Arrangement provided to permit simultaneous opera-Normally Normally Holding tion of second pump. Extra contact can Open Closed Circuit -(8) also be used for signal purposes if de-GROUND # 2 0 1 sired. ELECTRODE HOLDER PPER ELECTRODE (Similar to 1100-2LH) **(1)**--(2) Form 597 1500-D RELAY Pump Up Control for supply pumps on Contact Arrangement elevated tanks and towers, carbonators, etc. High Level Cutoff for Normally Normaliv Holdina pumps and valves. Normally closed Closed Circuit Open Solenoid Valve Control for plating tank GROUND \* 0 and boiler make-up, etc. UPPER ELECTRODE (Similar to 1100-RH) Form 601 **1500-H RELAY** Same as 1500-D Relay above except TO ISOLATED that additional Normally Closed contact Contact Arrangement is provided to permit simultaneous op-Normally Normally Holding eration of second pump. Extra contact Closed Circuit Open can also be used for signal purposes if GROUND # 0 2 desired. LECTRODE JPPER ELECTRODE (Similar to 1100-2RH) Form 600 1500-G RELAY Pump Up or Pump Down Control for 4 TO ISOLATED LDAD CIRCUITS same applications listed above for BIW Contact Arrangement 1500-C and 1500-D Relays. It is also Normally Holding Normally suitable for use in controlling hydrop-Circuit Open Closed neumatic tanks and motorized valve in-GROUND ≯ stallations. (Similar to 1100-DH) A DAD CIRCUIT A CLOSES BELOW THIS LEVEL

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.
  - Spec Tech Industrial 203 Vest Ave. Valley Park, MO 63088 Toll Free: 888 SPECTECH Email: sales@spectechind.com www.spectechind.com



CAUTION: Electrodes are terminals of live electrical circuits and must be installed to previpower 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 i