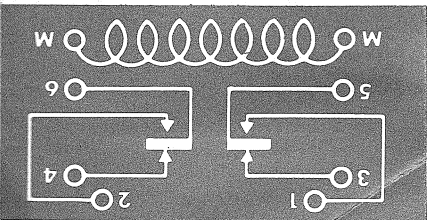
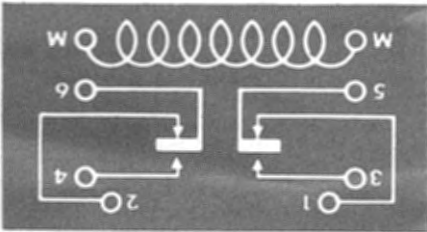


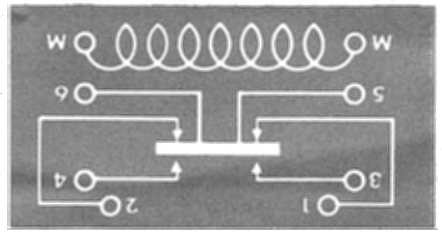
CONTACT ARRANGEMENT AND TERMINAL CONNECTIONS



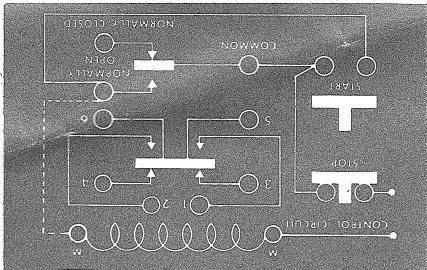
Models—NE-12, FE-12, ND-12, FD-12, NF-12, FF-12, DE-12, DD-12, DF-12



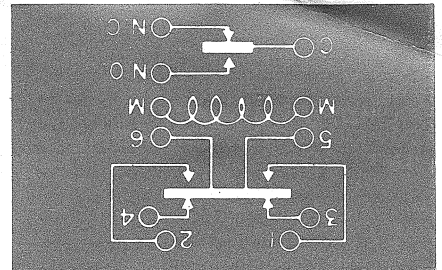
Models—NE-11, FE-11, ND-11, FD-11, NF-11, FF-11, DE-11, DD-11, DF-11



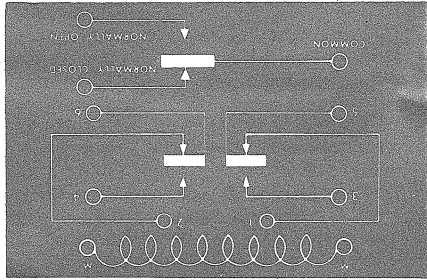
Models—NE-21, FE-21, ND-21, FD-21, NF-21, FF-21, DE-21, DD-21, DF-21



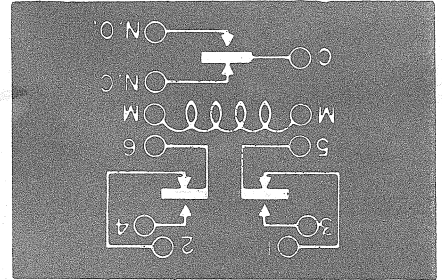
Models—NE-22, FE-22, ND-22, FD-22, NF-22, FF-22, DE-22, DD-22, DF-22



Models—NE-11, FE-11, ND-11, FD-11, NF-11, FF-11, DE-11, DD-11, DF-11, also NET-11, FET-11, NDT-11, FDT-11, NFT-11, FDT-11, DET-11, DDT-11, DFT-11. Also available in double pole (-12) models.



Models—NEH-22, FEH-22, NDH-22, FDH-22, NFH-22, FFH-22, DEH-22, DHH-22, DFH-22, DDD-12, DFD-12. Also available in single pole (-21) models.



Models—NET-22, FET-22, NDT-22, FDT-22, NET-22, FET-22, NDT-22, FDT-22. Also available in single pole (-21) models.

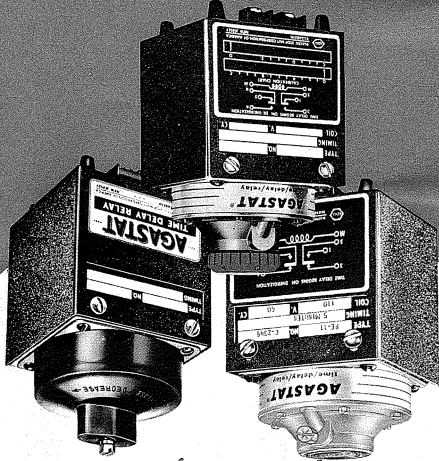
Double Head Models—NED-12, FED-12, NDD-12, FDD-12, NFD-12, FFD-12, DED-12, DFD-12

Double Head Models—NED-11, FED-11, NDD-11, FDD-11, NFD-11, FFD-11, DED-11, DFD-11

How To Install Your

AGASTAT®

time/delay/relay



MOUNTING—TIMING

CONTACT ARRANGEMENT

TERMINAL CONNECTIONS

TEST INSTRUCTIONS

NOTE: Follow these suggested steps before attempting any repair of AGASTAT relays. This will prove if fault actually lies with the AGASTAT.

1. Check voltage of control circuit at coil terminals.

2. Make sure that energy is applied to coil. If the core actuates (on Type 1 units), or the switch contacts transfer (on Type 2

units), the unit has started to function.

3. Observe the movement of spindle. (Observation best made when time setting is

between 1 to 10 seconds.) If the nylon collar on the spindle is gradually moving

upward, the relay is satisfactorily performing its second step. Current must be re-

moved from Type 2 units before spindle will move upward.

4. If switch trips after time delay has elapsed, the relay has functioned normally.

5. If, after the switch trips, the circuit does not close, contacts may be dirty. Clean

contacts are closed.

WARRANTY

The AGASTAT time delay relay is warranted against mechanical and electrical defects for a period of one year from date of shipment from factory if it has been installed and used in accordance with factory recommendations. New parts will be furnished free of charge in exchange for parts which have proven defective. The furnishing of these parts shall constitute fulfillment of the Company's obligations and liabilities.

TEST INSTRUCTIONS

ESMA®
ELASTIC STOP NUT CORPORATION OF AMERICA
AGASTAT DIVISION • ELIZABETH, NEW JERSEY

SR-11 B 3/66 (Supersedes 2/64) PRINTED IN U.S.A.