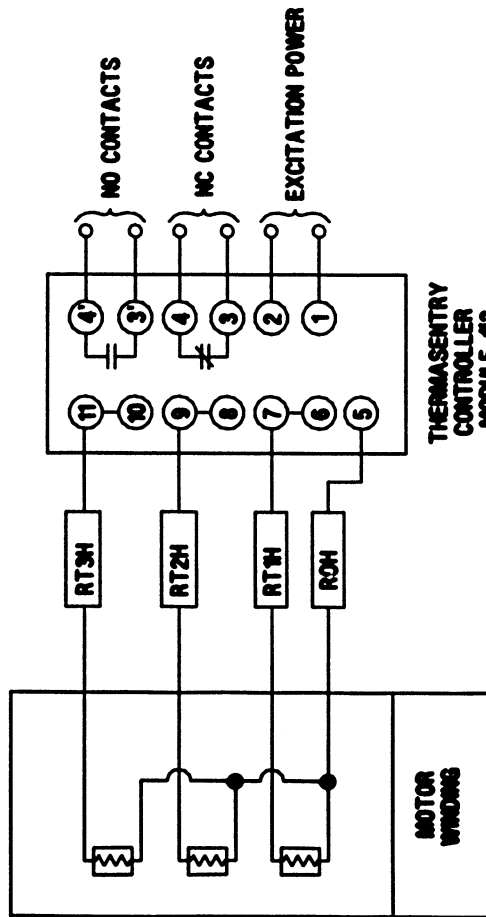
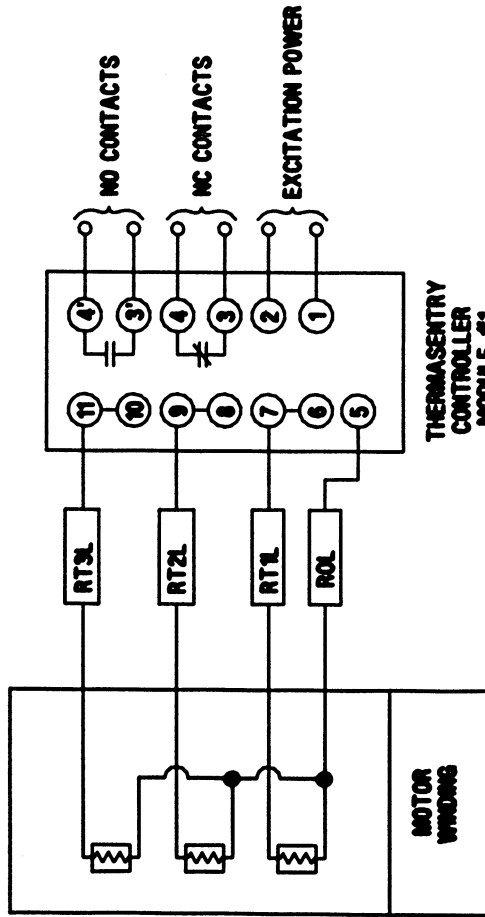


TYPICAL CONNECTION DIAGRAM MOTOR MOUNTED OR REMOTE MOUNTED THERMASENTRY WITH NO/NC CONTACTS



THERMASENTRY THERMISTORS

1. THERE ARE QTY-3 THERMISTORS (1 PER PHASE FOR ALARM, LOW SPEED OR PRIMARY) POSITIVE TEMPERATURE COEFFICIENT (PTC) THERMISTORS INSTALLED IN THE MOTOR WINDING. THESE THERMISTORS ARE WIRED TO THERMASENTRY CONTROL MODULE.
2. THERE ARE QTY-3 THERMISTORS (1 PER PHASE FOR SHUTDOWN, HIGH SPEED OR SPARE) PTC THERMISTORS INSTALLED IN THE MOTOR WINDING. THESE THERMISTORS ARE WIRED TO THERMASENTRY CONTROL MODULE.
3. REFER TO CONNECTION DIAGRAM ATTACHED TO THE CONTROL MODULE FOR CORRECT WIRING OF THE CONTROL MODULE.

NOTES:

1. DO NOT APPLY VOLTAGE DIRECTLY ACROSS TERMINALS 3 AND 4 OR 3' AND 4'. OUTPUT IS RATED FOR 110 VOLTS, 5 MAX CURRENT.
2. INPUT TERMINALS 1 AND 2 MUST BE ENERGIZED BEFORE 3 AND 4 ARE NORMALLY CLOSED AND 3' AND 4' ARE NORMALLY OPEN.
3. DO NOT GROUND THERMISTOR CONNECTIONS. RO IS COMMON, NOT GROUND.
4. WINDING MODULE #1 MAY BE USED FOR ALARM, LOW SPEED (TWO WINDGS), OR PRIMARY.
5. WINDING MODULE #2 MAY BE USED FOR SHUTDOWN, HIGH SPEED (TWO WINDGS), OR SPARE.

ACCESSORY LISTING

QTY-3 WINDING THERMISTORS (ALARM, LOW SPEED OR PRIMARY)
 QTY-3 WINDING THERMISTORS (SHUTDOWN, HIGH SPEED OR SPARE)
 QTY-2 THERMASENTRY CONTROL MODULES

ALT CHANGE LET NOTICE NO.	DESCRIPTION OF CHANGE	DATE	BY	CHKD BY	SCALE	MATERIAL
-	MOD	15-APR-94			NONE	3/4 IN
A	MOD	22-APR-94	DELETE ASSM. INFO			
B	MOD	2-JUN-94	CORRECT DWG			
C	MOD	20-APR-00	REV CONTACTS			
D	MOD	6-JUN-00	DELETED SP HTRS			

U.S. ELECTRICAL MOTORS DIVISION OF EMERSON ELECTRIC CO. ST. LOUIS, MISSOURI	DRWN 15-APR-94, MWM RVSD 6-JUN-00, RWK APPD 6-JUN-00, REP	DATE	BY	CHKD BY
		16	1	1

U.S. ELECTRICAL MOTORS DIVISION OF EMERSON ELECTRIC CO. ST. LOUIS, MISSOURI	CUSTOMER CONNECTION DIAGRAM
DATE	BY
16	1