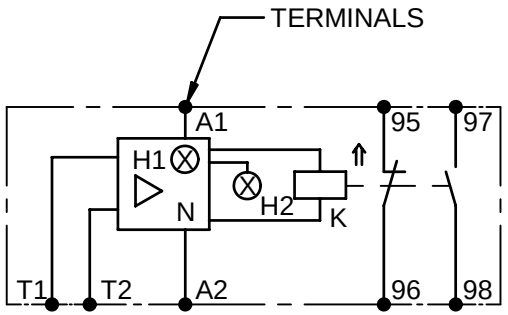
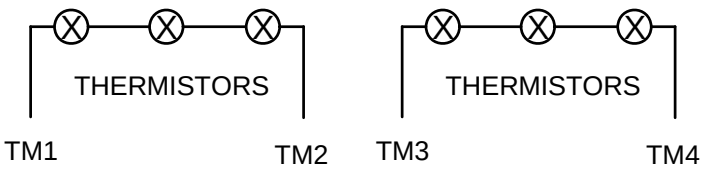


SIEMENS THERMISTORS



THERMASENTRY THERMISTORS

1. THERE IS ONE SET OF POSITIVE TEMPERATURE COEFFICIENT (PTC) THERMISTORS (1 PER PHASE) INSTALLED IN THE MOTOR WINDING. ONE PER PHASE, CONNECTED IN SERIES. TERMINATED ON TERMINAL STRIP TERMINALS T1 AND T2 IN THE MOTOR ACCESSORY CONNECTION BOX. THESE ARE TO BE WIRED TO THE REMOTE-MOUNTED CONTROL MODULE SUPPLIED WITH THE MOTOR. WIRE THE THERMISTOR LEADS TM1 AND TM2 TO THE MODULE TERMINALS T1 AND T2.

2. THERE IS A SECOND SET OF POSITIVE TEMPERATURE COEFFICIENT (PTC) THERMISTORS (1 PER PHASE) INSTALLED IN THE MOTOR WINDING. ONE PER PHASE, CONNECTED IN SERIES. TERMINATED ON TERMINAL STRIP TERMINALS T3 AND T4 IN THE MOTOR ACCESSORY CONNECTION BOX. THESE ARE TO BE WIRED TO THE REMOTE-MOUNTED CONTROL MODULE SUPPLIED WITH THE MOTOR. WIRE THE THERMISTOR LEADS TM3 AND TM4 TO THE MODULE TERMINALS T1 AND T2.

3. WIRE CONTROL POWER TO MODULE TERMINALS A1 AND A2. CONTROL POWER MAY BE 24 TO 240 VOLTS AC OR DC.

4. FOR NORMALLY OPEN CONTACTS, USE MODULE TERMINALS 97 AND 98.

5. FOR NORMALLY CLOSED CONTACTS, USE MODULE TERMINALS 95 AND 96.

NOTES:

1. OUTPUT CONTACT RATING IS:
   AC 240 VOLTS 3 AMPERES MAXIMUM
   DC 24 VOLTS 1 AMPERE MAXIMUM

2. DO NOT APPLY POWER DIRECTLY ACROSS 95 AND 96, OR 97 AND 98.

3. THE MODULE AUTOMATICALLY RESETS ITSELF WHEN TEMPERATURE DROPS TO A SAFE LEVEL.

TYPICAL CONNECTION DIAGRAM, REMOTE MOUNTED THERMASENTRY WITH N.O. AND N.C. CONTACTS

ACCESSORY LISTING
QTY. 2 - SEIMENS THERMASENTRY CONTROL MODULE N.O./N.C.
QTY. 6 - THERMASENTRY THERMISTORS

REVISION DESCRIPTION FOR: MISC STL0211 - UPDATED FORMAT.	SCALE NONE	UNITS IN	TITLE: DRAWING, CUSTOMER CONNECTION DIAGRAM		NIDEC MOTOR CORPORATION
MATERIAL: ---	TOLERANCES ON DIMENSIONS (UNLESS OTHERWISE SPECIFIED)		ISSUED BY: R. KING	APPROVED BY: C. CADE	REVISION DATE: 23-FEB-11
MUST BE COMPLIANT TO RoHS DIRECTIVE EU 2002/95/IEC AND REGULATION EC 1907/2006 (REACH) AS AMENDED	INCHES / mm		CODE	DWG NO. 0639338	REV A / SHEET NUMBER 1 OF 1 / DWG SIZE A
	ANGLES X°= ±1°				