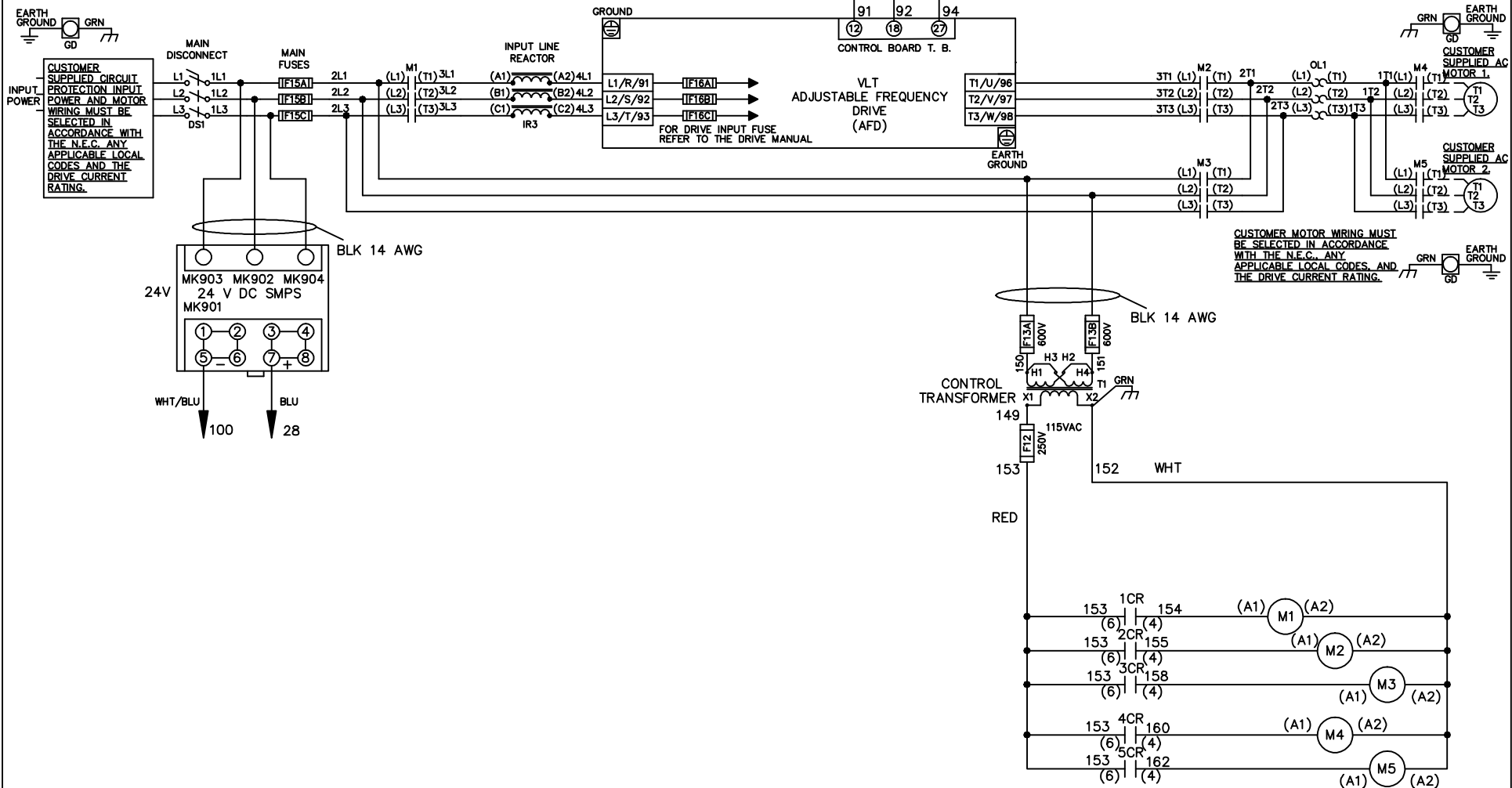


| WIRE COLOR SCHEME | |
|-------------------|---------------------------------|
| BLACK | - LINE VOLTAGE |
| RED | - AC CONTROL |
| WHITE | - AC GROUNDED CIRCUIT CONDUCTOR |
| BLUE | - DC CONTROL |
| WHT/BLU | - DC CONTROL COMMON |
| GREEN | - CHASSIS GROUND |

* ALL CONTROL WIRES ARE BLUE EXCEPT WHERE NOTED. TO ELECTROMECHANICAL RELAY BOARD

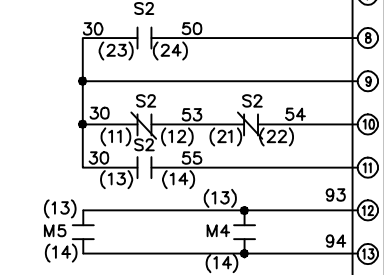
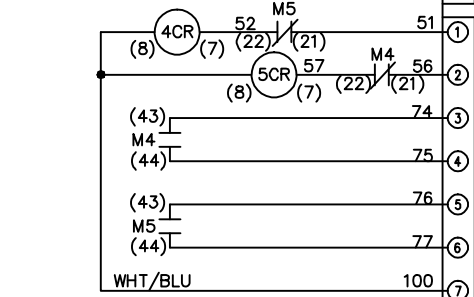
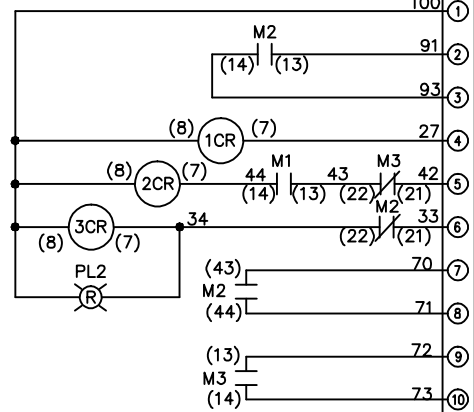
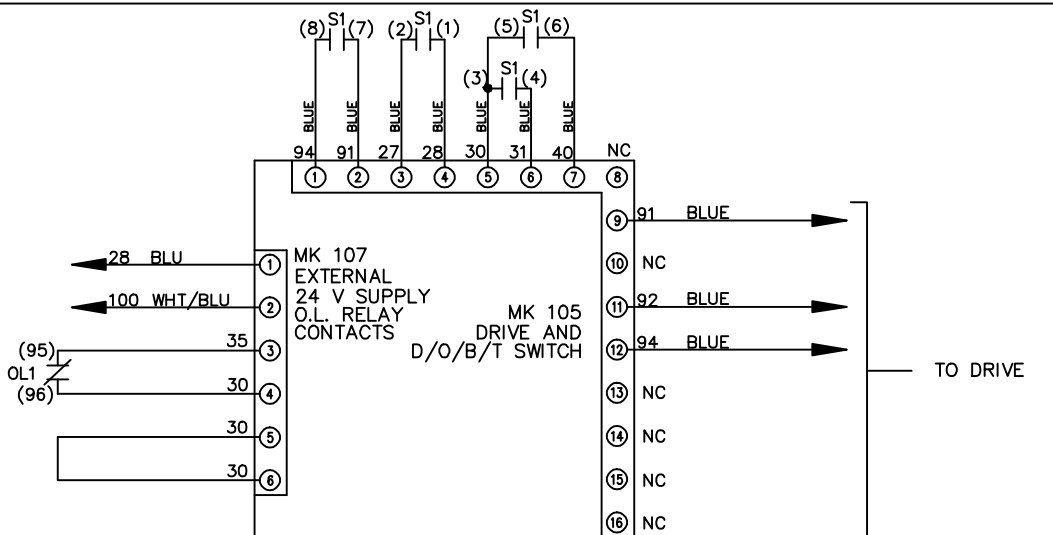


| | | | | | | | | | | | |
|-----|---------|-------|---|--|--------------------|-----|---|-------------|--------|--|----------|
| | | | -NOTICE- | | DRN JNW 2/14/07 | | NAME 230 VOLT,3C,MAIN DISC ,MAIN FUSE,EMB1,FRAME C2N1_ ,REACTOR,CMS | | | THE TRANE COMPANY A DIVISION OF AMERICAN STANDARD INC. | |
| A | SP08061 | 10/08 | THIS DRAWING IS PROPRIETARY AND SHALL NOT BE COPIED OR ITS CONTENTS DISCLOSED TO OUTSIDE PARTIES WITHOUT THE WRITTEN CONSENT OF THE TRANE COMPANY | | | APR | MODEL | PAGE 1 OF 2 | SIZE A | DWG NO. | 174U8212 |
| REV | ECN | DATE | | | | | | | | | |

| | | |
|-----|---------|-------|
| REV | ECON | DATE |
| A | SP08066 | 10/08 |

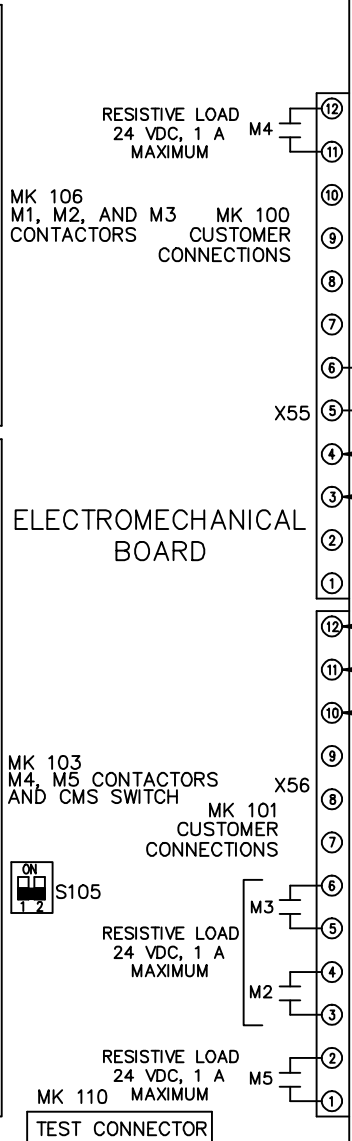
CONTACT SEQUENCE CHART FOR S1
X INDICATES CONTACT CLOSED

| CONTACT POSITION | DRIVE | OFF | BYPASS | TEST |
|------------------|-------|-----|--------|------|
| 1-2 | X | | | X |
| 3-4 | | | X | X |
| 5-6 | X | | | |
| 7-8 | | | | X |



CONTACT SEQUENCE CHART FOR S2
X INDICATES CONTACT CLOSED

| CONTACT POSITION | MOTOR 1 | AUTO | MOTOR 2 |
|------------------|---------|------|---------|
| 11-12 | | X | |
| 13-14 | | | X |
| 21-22 | X | | |
| 23-24 | X | | |



CONTACT CLOSED INDICATES MOTOR 1 SELECTED

REPLACE WITH CUSTOMER SUPPLIED SAFETY INTERLOCK 24 VDC, 2 A

CUSTOMER SUPPLIED RUN CONTACT 24 VDC, 2 A

CUSTOMER SUPPLIED CONTACT TO SELECT MOTOR 1

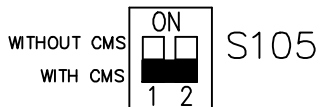
CUSTOMER SUPPLIED CONTACT TO SELECT MOTOR 2 24 VDC, 2 A

CONTACT CLOSED INDICATES MOTOR ON BYPASS

CONTACT CLOSED INDICATES MOTOR ON DRIVE

CONTACT CLOSED INDICATES MOTOR 2 SELECTED

FACTORY SETTING



CUSTOMER CONNECTIONS X55, X56
CLASS 2 POWER SOURCE
REQUIRED FOR FIELD CONNECTION
USE CLASS 1 CONDUCTORS
CONDUCTOR SIZE 28-14 AWG

NOTICE -

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DRN JNW
2/14/07

NAME 230 VOLT, 3C, MAIN DISC
, MAIN FUSE, EMB1, FRAME C2N1
, REACTOR, CMS

THE TRANE COMPANY
A DIVISION OF
AMERICAN STANDARD INC.

APR

MODEL

PAGE 2 OF 2

SIZE A

DWG NO. 174U8212