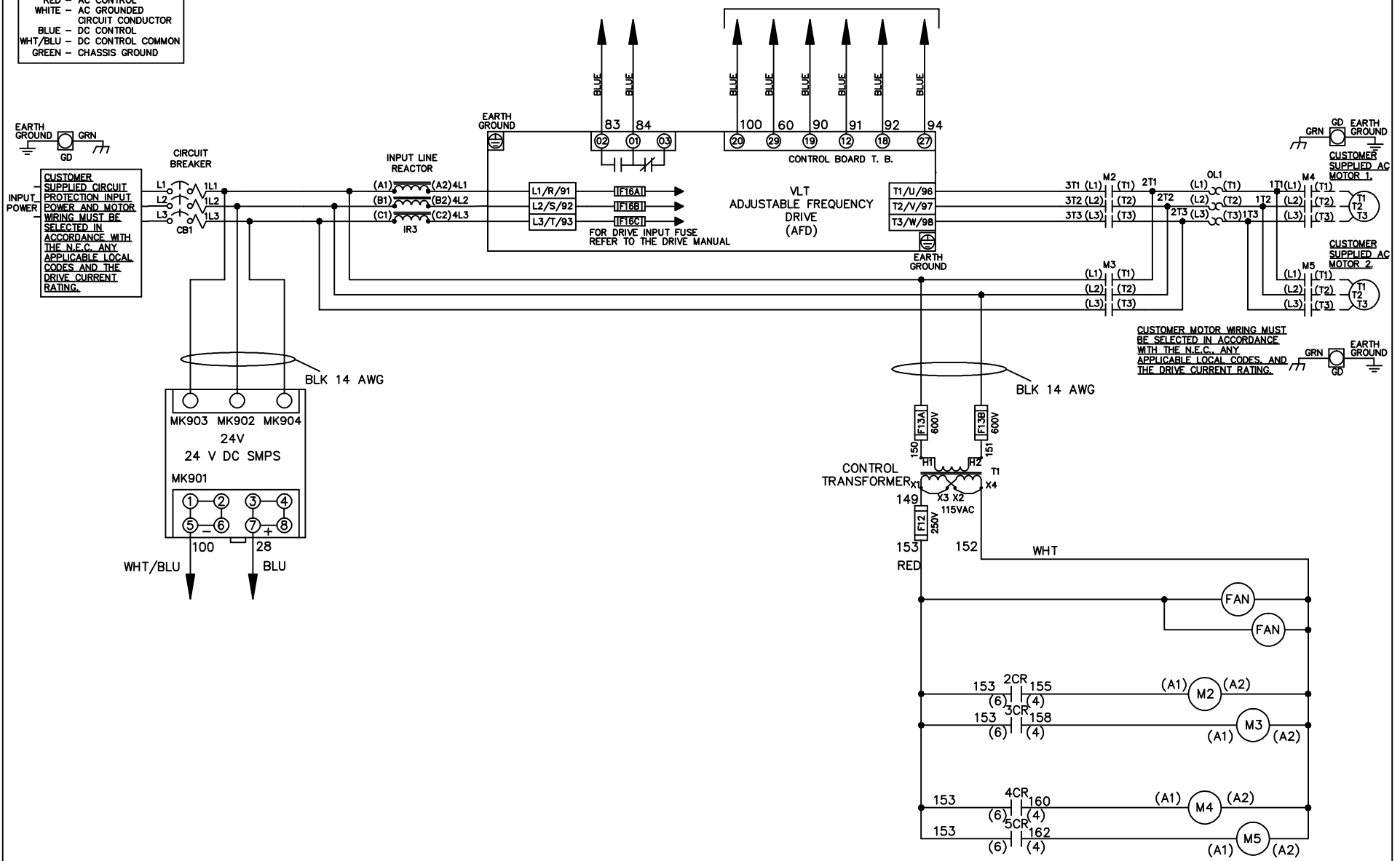


**WIRE COLOR SCHEME**  
 BLACK - LINE VOLTAGE  
 RED - AC CONTROL  
 WHITE - AC GROUND  
 BLUE - DC CONTROL  
 WHT/BLU - DC CONTROL COMMON  
 GREEN - CHASSIS GROUND

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



CUSTOMER MOTOR WIRING MUST BE SELECTED IN ACCORDANCE WITH THE N.E.C. ANY APPLICABLE LOCAL CODES AND THE DRIVE CURRENT RATING.

-NOTICE-

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DRN JNW  
2/8/07

NAME600 VOLT,2C,CB  
,DRIVE FUSE,EMB2,FRAME D1-D2  
,REACTOR,CMS

THE TRANE COMPANY  
A DIVISION OF  
AMERICAN STANDARD INC.

A	SP08061	10/08
REV	ECN	DATE

APR

MODEL

PAGE 1 OF 2

SIZE A

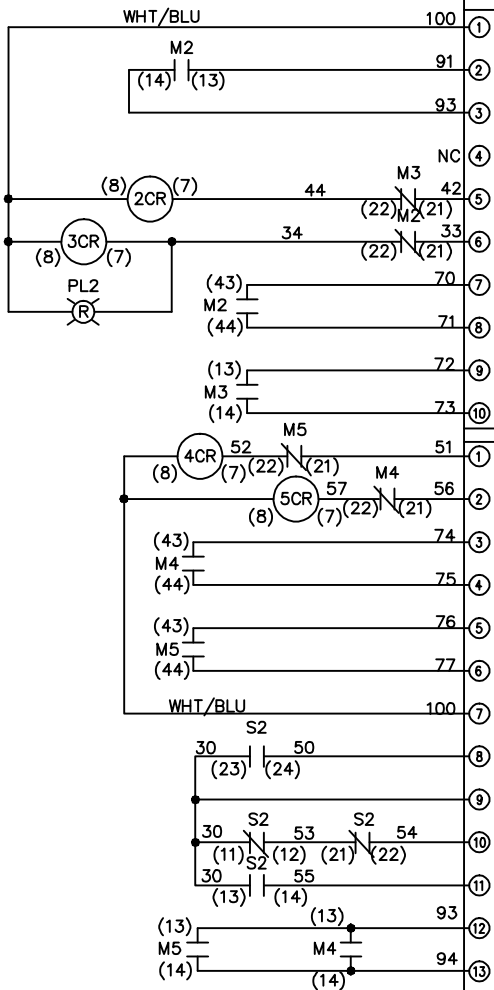
DWG NO.

174U7591

REV	A	ECON	DATE	DRN JNW	APR	MODEL	PAGE 2 OF 2	SIZE	DWG NO.
	SP08066		10/08	2/14/07			2	A	174U7591
				NAME 600 VOLT, 2C, CB					
				DRIVE FUSE, EMB2, FRAME D1-D2					
				REACTOR, CMS					
				THE TRANE COMPANY					
				A DIVISION OF					
				AMERICAN STANDARD INC.					

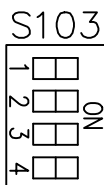
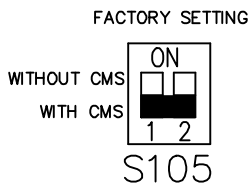
CONTACT SEQUENCE CHART FOR S1  
X INDICATES CONTACT CLOSED

POSITION	CONTACT
DRIVE	X
OFF	
BYPASS	X
23-24	X

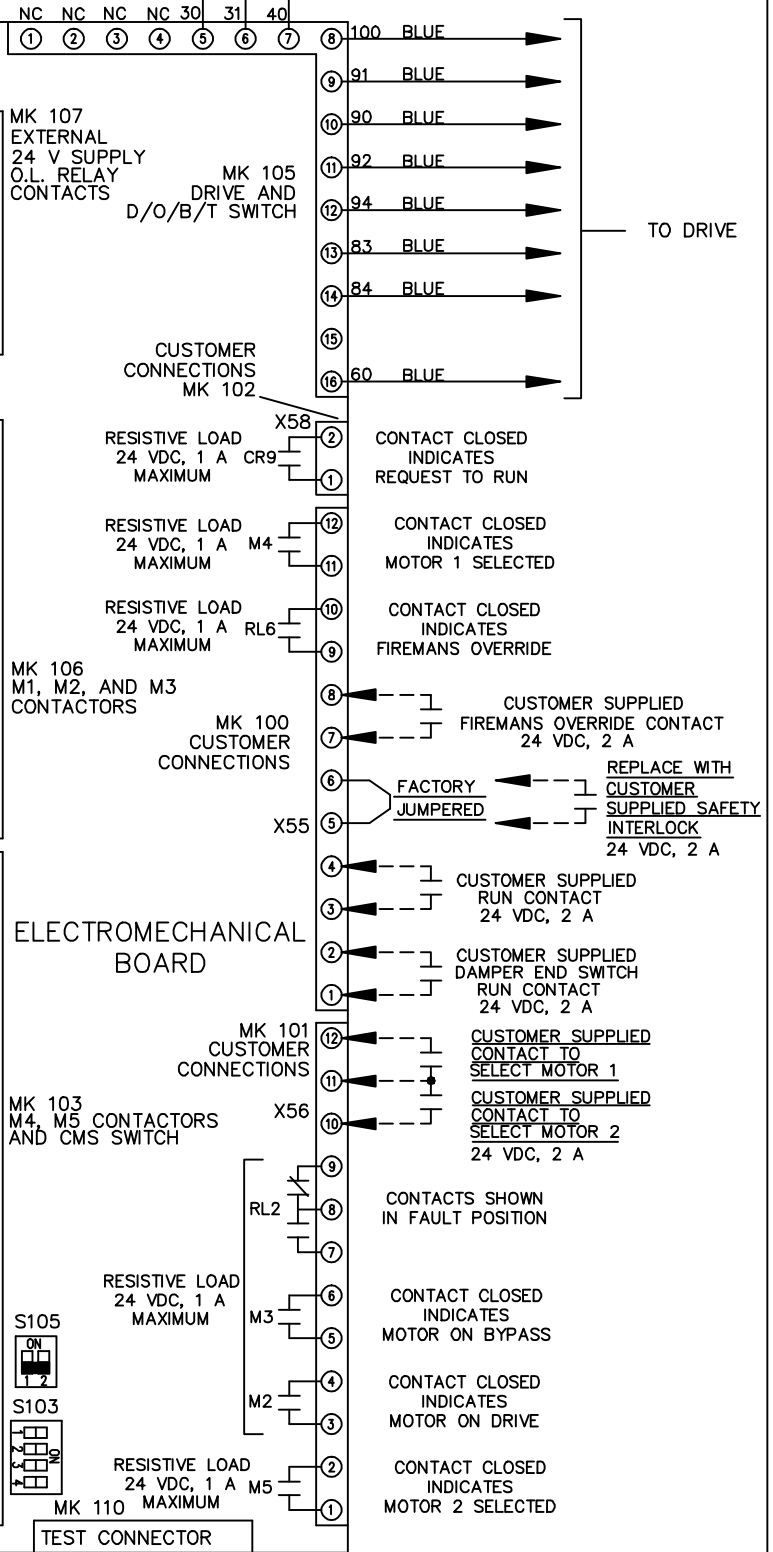


CONTACT SEQUENCE CHART FOR S2  
X INDICATES CONTACT CLOSED

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



CUSTOMER CONNECTIONS X55, X56, X58  
CLASS 2 POWER SOURCE  
REQUIRED FOR FIELD CONNECTION  
USE CLASS 1 CONDUCTORS  
CONDUCTOR SIZE 28-14 AWG



ELECTROMECHANICAL BOARD

TEST CONNECTOR

- CONTACT CLOSED INDICATES REQUEST TO RUN
- CONTACT CLOSED INDICATES MOTOR 1 SELECTED
- CONTACT CLOSED INDICATES FIREMANS OVERRIDE
- CUSTOMER SUPPLIED FIREMANS OVERRIDE CONTACT 24 VDC, 2 A
- REPLACE WITH CUSTOMER SUPPLIED SAFETY INTERLOCK 24 VDC, 2 A
- CUSTOMER SUPPLIED RUN CONTACT 24 VDC, 2 A
- CUSTOMER SUPPLIED DAMPER END SWITCH RUN CONTACT 24 VDC, 2 A
- CUSTOMER SUPPLIED CONTACT TO SELECT MOTOR 1
- CUSTOMER SUPPLIED CONTACT TO SELECT MOTOR 2 24 VDC, 2 A
- CONTACTS SHOWN IN FAULT POSITION
- CONTACT CLOSED INDICATES MOTOR ON BYPASS
- CONTACT CLOSED INDICATES MOTOR ON DRIVE
- CONTACT CLOSED INDICATES MOTOR 2 SELECTED

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