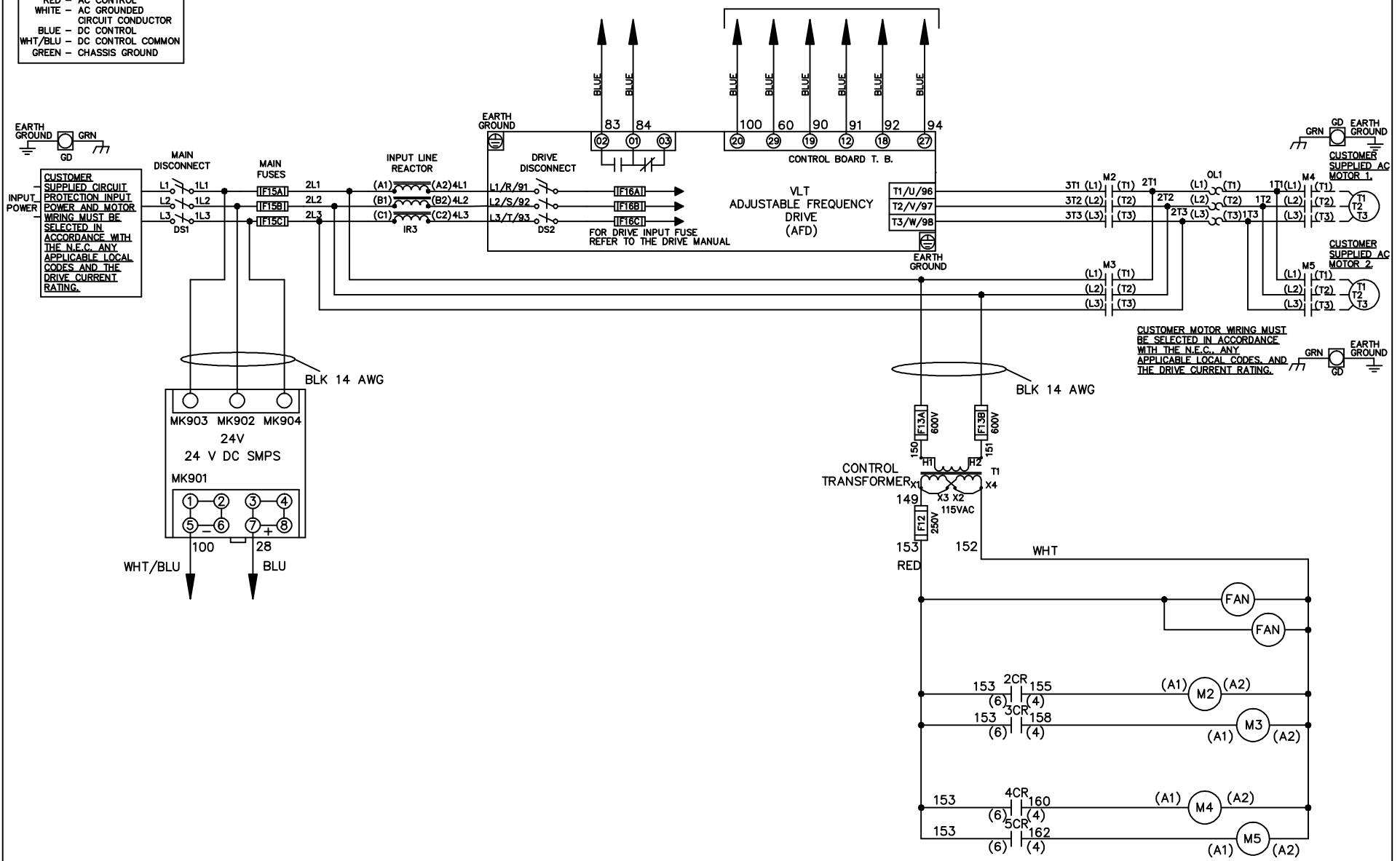


**WIRE COLOR SCHEME**  
 BLACK - LINE VOLTAGE  
 RED - AC CONTROL  
 WHITE - AC GROUND  
 BLUE - DC CONTROL  
 WHT/BLU - DC CONTROL COMMON  
 GREEN - CHASSIS GROUND

\* 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,MAIN&DRIVE DISC  
,MAIN 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.

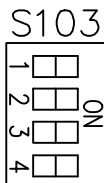
174U7615

REV	A	SP08066	10/08	DATE	
ECON					
-NOTICE-					
THIS DRAWING IS PROPRIETARY AND SHALL NOT BE COPIED OR ITS CONTENTS DISCLOSED TO OUTSIDE PARTIES WITHOUT THE WRITTEN CONSENT OF THE TRANE COMPANY					
DRN	JNW	2/14/07	APR	MODEL	NAME 600 VOLT, 2C MAIN & DRIVE DISC, MAIN FUSE, EMB2, FRAME D1-D2, REACTOR, CMS
PAGE	2	OF	2	SIZE	A
DWG	NO.	174U7615			
THE TRANE COMPANY A DIVISION OF AMERICAN STANDARD INC.					

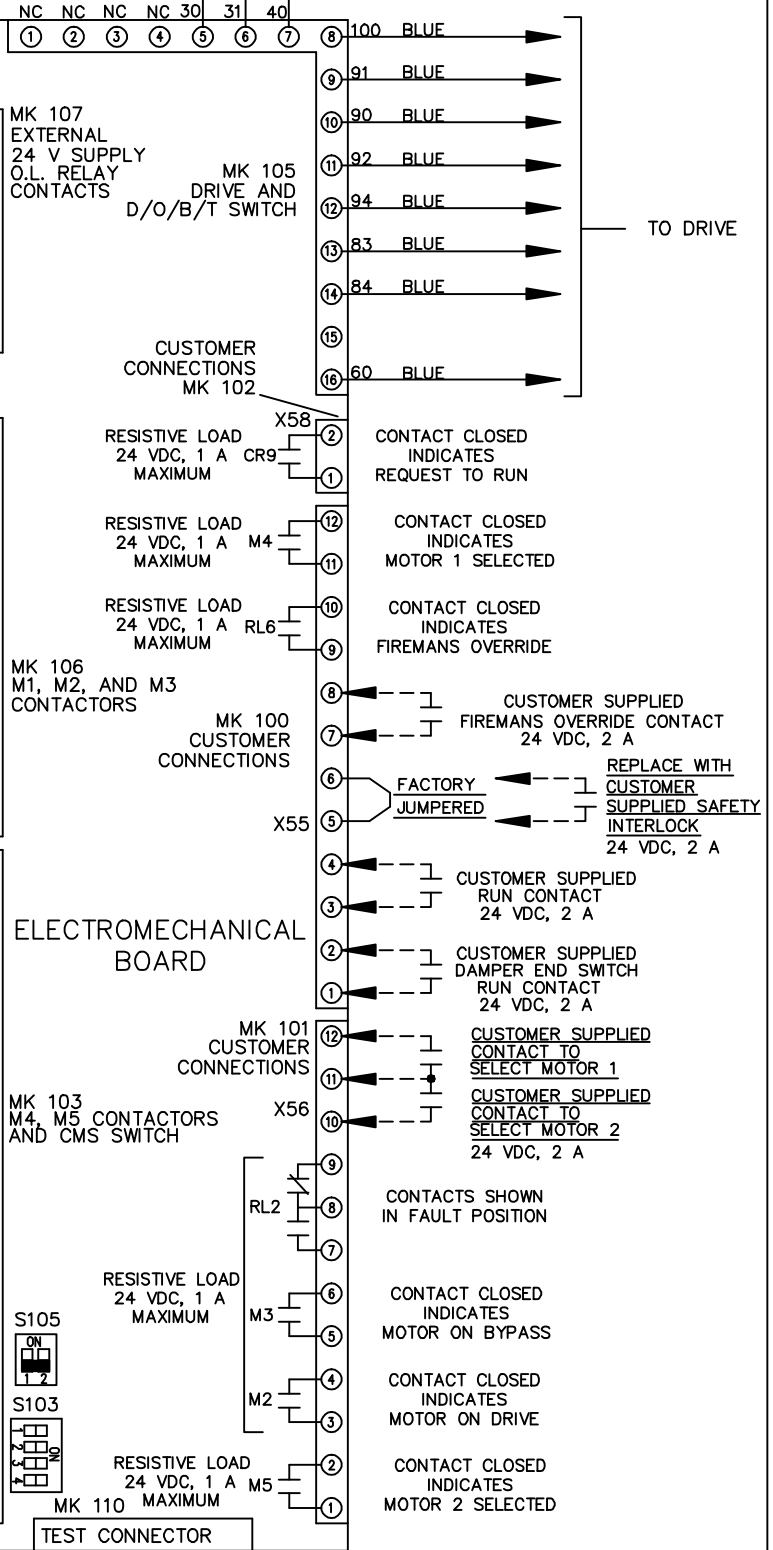
CONTACT SEQUENCE CHART FOR S1		
CONTACT	POSITION	
13-14	DRIVE	
23-24	OFF	
	BYPASS	X



CONTACT SEQUENCE CHART FOR S2		
CONTACT	POSITION	
11-12	MOTOR 1	X
13-14	AUTO	X
21-22	MOTOR 2	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

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