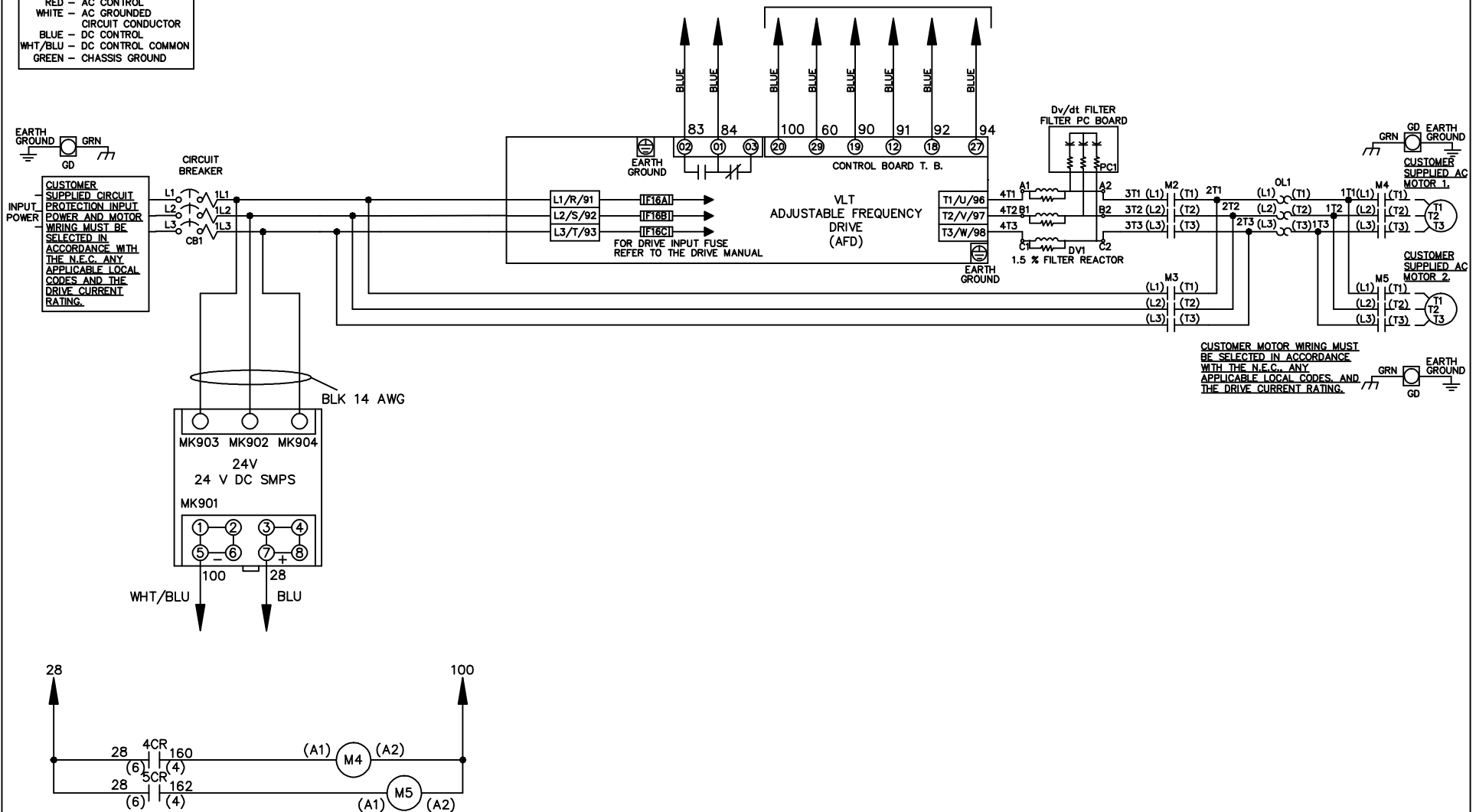


**WIRE COLOR SCHEME**  
 BLACK - LINE VOLTAGE  
 RED - AC CONTROL  
 WHITE - AC GROUND  
 CIRCUIT CONDUCTOR  
 BLUE - DC CONTROL  
 WHT/BLU - DC CONTROL COMMON  
 GREEN - CHASSIS GROUND

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



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

			- NOTICE -		DRN JNW 2/14/07		NAME 208-600VOLT, 2C, CB , DRIVE FUSE, EMB2, FRAME B2-C1 , DVDT, CMS		<i>Danfoss</i>	
A	SP08061	10/08	THIS DOCUMENT CONTAINS PROPRIETARY INFORMATION OF DANFOSS DRIVES. IT IS LOANED BY DANFOSS DRIVES SUBJECT TO THE CONDITIONS THAT IT AND THE INFORMATION EMBODIED THEREIN SHALL BE USED ONLY FOR RECORD AND REFERENCE PURPOSES, SHALL NOT BE USED OR CAUSED TO BE USED IN ANY WAY PREJUDICIAL TO THE INTERESTS OF DANFOSS DRIVES, SHALL NOT BE REPRODUCED OR COPIED IN WHOLE OR IN PART, OR DISCLOSED TO ANYONE WITHOUT THE DIRECT WRITTEN PERMISSION OF DANFOSS DRIVES AND SHALL BE RETURNED UPON REQUEST.			APR	MODEL	PAGE 1 OF 2	SIZE A	DWG NO. 174U9430
REV	ECN	DATE								

REV	A	ECN	SP08066	DATE	10/08
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DRN JUNW  
2/14/07

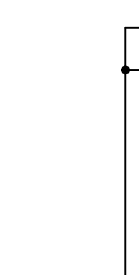
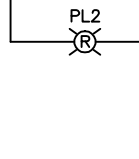
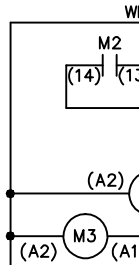
MODEL NAME 208-600VOLT, 2C, CB  
DRIVE FUSE, EMB2, FRAME B2-C1  
, DVDT, CMS

PAGE 2 OF 2  
SIZE A  
DWG NO. 174U9430



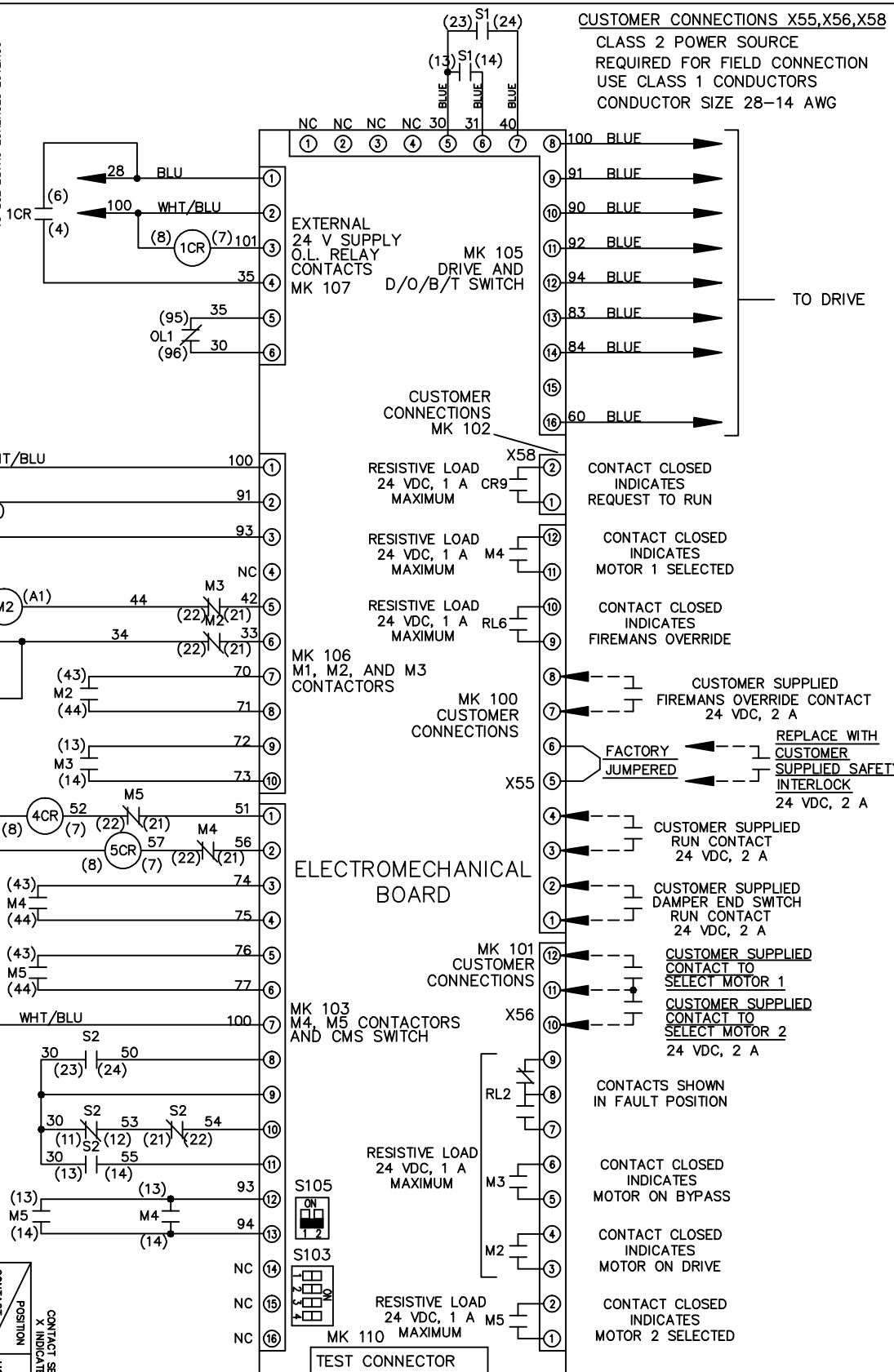
CONTACT SEQUENCE CHART FOR S1  
X INDICATES CONTACT CLOSED

POSITION	CONTACT
DRIVE	13-14
OFF	23-24
BYPASS	23-24



CONTACT SEQUENCE CHART FOR S2  
X INDICATES CONTACT CLOSED

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



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

EXTERNAL 24 V SUPPLY  
O.L. RELAY CONTACTS  
MK 105 DRIVE AND  
MK 107 D/O/B/T SWITCH

MK 106 M1, M2, AND M3 CONTACTORS

ELECTROMECHANICAL BOARD

MK 103 M4, M5 CONTACTORS AND CMS SWITCH

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

