WIRE COLOR SCHEME TERMINAL IDENTIFICATION BLACK - LINE VOLTAGE - DRIVE TERMINAL RED - AC CONTROL WHITE - AC GROUNDED - CUSTOMER TERMINAL CIRCUIT CONDUCTOR BLUE - DC CONTROL GREEN - CHASSIS GROUND EARTH GROUND EARTH GROUND H4T1 (L1) (T1) 2T1 * AC MOTOR *CUSTOMER L1 (L1) (T1) 1L1 BLK [F15A] 2L1 5L1 VLT (L1)_{XX}_T1_ INPUT SUPPLIED [F16A] L1/R/91 T1/U/96 POWER ADJUSTABLE FREQUENCY L2 (L2) (T2) 1L2 BLK [F15B] 2L2 5L2 4T2 (L2) (T2) (L2) T2 FEEDER 3L2 [F16B] 3 PH, 208V, L2/S/92 T2/V/97 DRIVE CIRCUIT L3 (L3) (T3) 1L3 BLK |F15C|| 2L3 (L3) T3 4T3 (L3) (T3) PROTECTION L3/T/93 T3/W/98 (AFD) 60Hz (SEE NOTE 3) DRIVE INPUT FUSES DRIVE DISCONNECT FUSES DISCONNECT EARTH GROUND GRN (L1) (T1) (L2) (T2) (L3) (T3) 163 RED X3 F12 115VAC HEATER (SET: 65° F) (12) 5 (11) TS1 CR6 167 (2) FAN 1 (SET: 80° F) (9) (23) (24) TB2 TS1 FAN 2 2)FAN 3 FAN 4 WARNING! THE FOLLOWING TABLE LISTS THE PARAMETERS THAT ARE SET DIFFERENT FROM THE DRIVE DEFAULT SETTINGS. ADDITIONAL PARAMETER SETTINGS MAY BE REQUIRED TO SHEET 2 TO SHEET 2 FOR YOUR APPLICATION. DRIVE PARAMETER SETTINGS 1. * INDICATES COMPONENTS NOT SUPPLIED BY MANUFACTURER.

- REFER TO THE INSTALLATION AND OPERATION MANUAL FOR DRIVE FUNCTIONS AND PARAMETER SETTINGS.
- 3. FEEDER CIRCUIT PROTECTION, INPUT POWER AND MOTOR WIRING MUST BE SELECTED IN ACCORDANCE WITH THE N.E.C., ANY APPLICATION LOCAL CODES AND THE LOAD CURRENT RATING.
- 4. REPLACE JUMPER 'J1' WITH NORMALLY CLOSED SAFETY INTERLOCK CONTACT AS NECESSARY. CONTACT MUST BE RATED 1/4 HP @ 120VAC MINIMUM.
- 5. PANEL MAY REQUIRE DERATING, CONSULT DRIVE MANUAL OR FACTORY FOR FOLLOWING CONDITIONS:
- 5.1. HIGHER SWITCHING FREQUENCY THAN DRIVE DEFAULT
- HIGHER THAN PANEL LISTED AMBIENT TEMPERATURES
- ELEVATION ABOVE 3300 FEET (1000 METERS)
- 5.4. LONG MOTOR LEAD LENGTHS

PARAMETER #	NAME	SETTING	VALUE
0-02	MOTOR SPEED UNIT	1	HZ
0-03	REGIONAL SETTINGS	1	NORTH AMERICA
1-03	TORQUE CHAR.	3	AUTO ENERGY OPTIM VT
5-02	TERMINAL 29 TYPE	1	OUTPUT
5-31	TERMINAL 29	5	RUNNING
14-20	RESET MODE	13	INFINITE AUTO REST

В		
А	SP10119	11/10
DR	SP10076	09/10
REV	ECN	DATE

- NOTICE -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.

DRN D TM

DTM

MODEL

VLT

APR

NAME NEMA 3R,208V,2C ,MAIN & DRIVE DISC, MAIN & DRIVE FUSE

,3MB1,SINGLE MOTOR,4 FAN PAGE <u>1</u> OF <u>2</u>

DWG

NO.

WIRE COLOR SCHEME BLACK - LINE VOLTAGE RED - AC CONTROL WHITE - AC GROUNDED

CIRCUIT CONDUCTOR
BLUE - DC CONTROL
GREEN - CHASSIS GROUND

TERMINAL IDENTIFCATION

X - DRIVE TERMINAL

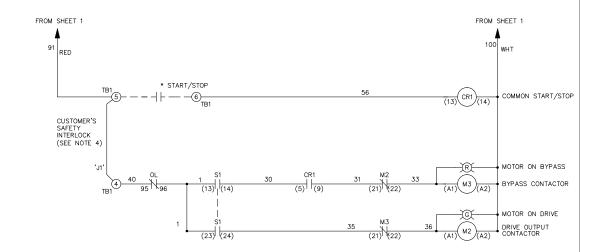
 $\overline{\otimes}$ - CUSTOMER TERMINAL

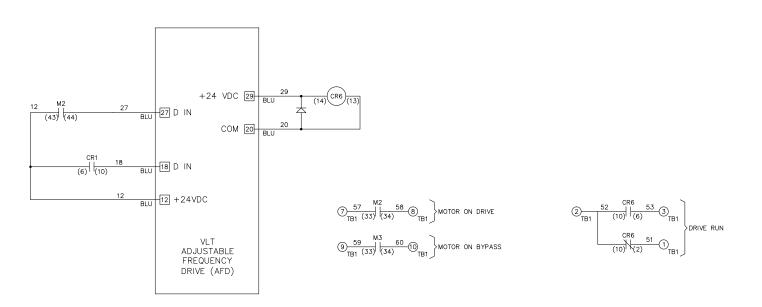
CUSTOMER DRY CONTACT RATINGS

RELAY	CONTACT RATING	
CR1, CR6	5A @ 120VAC 1/10 HP @ 120VAC	
M2, M3	10A @ 120/240VAC	

CONTACT SEQUENCE CHART FOR S1

X INDICATES CONTACT CLOSED			
POSITION			
CONTACT	DRIVE	OFF	BYPASS
13-14			Χ
23-24	X		





В		
А	SP10119	11/10
DR	SP10076	09/10
REV	ECN	DATE

- NOTICE -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.

	DRN		
,		D TM	

DTM

NEMA 3R 208V 20 NAME ,MAIN & DRIV ,3MB1

NEMIA SK,ZUOV,ZU		
VE DISC, MAIN &	DRIVE FUSE	Danfoss
,SINGLE MOTOR,4	FAN	

SIZE MODEL PAGE <u>2</u> OF <u>2</u> VLT