WIRE COLOR SCHEME TERMINAL IDENTIFICATION BLACK - LINE VOLTAGE RED - AC CONTROL X - DRIVE TERMINAL WHITE - AC GROUNDED X - CUSTOMER TERMINAL CIRCUIT CONDUCTOR BLUE - DC CONTROL GREEN - CHASSIS GROUND EARTH GROUND EARTH GROUND \neg * AC MOTOR OL 4T1 (L1) M2 (T1) 2T1 *CUSTOMER (L1) | (T1) 3L1 (U1) (U2) 4L1 | F16A| 5L1 | L1/R/91 VLT (L1)_{XX} T1 INPUT SUPPLIED T1/U/96 POWER (L2) (T2) 3L2 (V1) (V2) 4L2 [F16B] 5L2 L2/S/92 ADJUSTABLE FREQUENCY BLK 2L2 4T2 (L2) (T2) (L2) T2 FEEDER L2 ~ | `~^` T2/V/97 3 PH, 208V, (L3) (L3) (X3) 3L3 (W1) (W2) 4L3 (F16C) 5L3 L3/T/93 DRIVE (L3)_X T3 CIRCUIT BLK 2L3 4T3 (L3) (T3) PROTECTION T3/W/98 (AFD) 60Hz (SEE NOTE 3) CB1 DRIVE INPUT FUSES CIRCUIT REACTOR BREAKER (L1) (T1) (L2) (T2) EARTH GROUND GRN (L3) (T3) 163 RED X3 F12 115VAC HEATER (SET: 65° F) (12) 5 (11) TS1 CR6 167 (9) (5) 7) FAN 1 (SET: 80° F) (23) (24) TB2 TS1 TO SHEET 2 TO SHEET 2

WARNING!

THE FOLLOWING TABLE LISTS THE PARAMETERS THAT ARE SET DIFFERENT FROM THE DRIVE DEFAULT SETTINGS. ADDITIONAL PARAMETER SETTINGS MAY BE REQUIRED FOR YOUR APPLICATION.

NOTES: 1. * INDICATES COMPONENTS NOT SUPPLIED BY MANUFACTURER.

- 2. REFER TO THE INSTALLATION AND OPERATION MANUAL FOR DRIVE FUNCTIONS AND PARAMETER SETTINGS.
- 2. REFER TO THE INSTALLATION AND OPERATION MANDAL 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
- 5.2. HIGHER THAN PANEL LISTED AMBIENT TEMPERATURES
- 5.3. ELEVATION ABOVE 3300 FEET (1000 METERS)
- 5.4. LONG MOTOR LEAD LENGTHS

DRIVE PARAMETER SETTINGS

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

DWG NO.

В			- NOTICE - THIS DOCUMENT CONTAINS PROPRIETARY INFORMATION OF DANFOSS DRIVES.	DRN	NAME	NE	EMA 3R,208V,3C	
А	SP10119	11/10	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	D TM			IN CB ,DRIVE FUS R.SINGLE MOTOR.1	
DR	SP10076	09/10	IN ANY WAY PREJUDICIAL TO THE INTERESTS OF DANFOSS DRIVES, SHALL NOT BE REPRODUCED OR COPIED IN WHOLE OR IN PART, OR DISCLOSED	APR	MODEL .	, , , , , , , , , , , , , , , , , , , ,	T,SINGLE MOTOR,	SIZE A
REV	ECN	DATE	TO ANYONE WITHOUT THE DIRECT WRITTEN PERMISSION OF DANFOSS DRIVES AND SHALL BE RETURNED UPON REQUEST.	DIM	\ \	/LT	page <u>1</u> of <u>2</u>	



CIRCUIT CONDUCTOR
BLUE - DC CONTROL
GREEN - CHASSIS GROUND

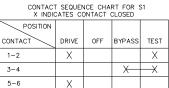
TERMINAL IDENTIFCATION

- DRIVE TERMINAL

CUSTOMER TERMINAL

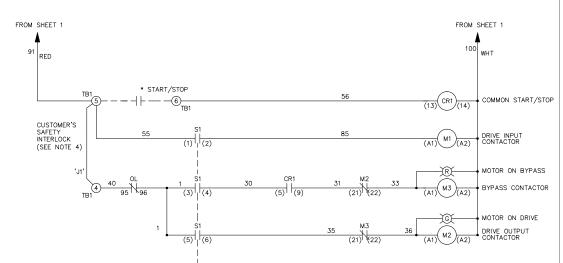
CUSTOMER DRY CONTACT RATINGS

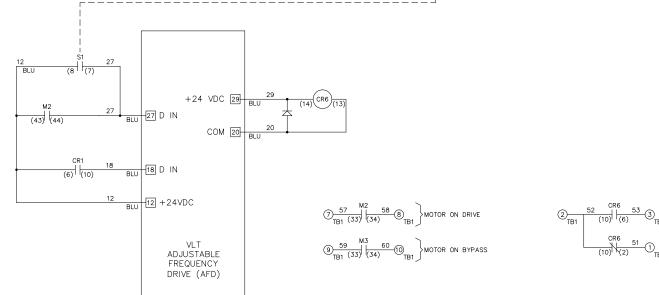
RELAY	CONTACT RATING
CR1, CR6	5A @ 120VAC 1/10 HP @ 120VAC
M1, M2, M3	10A @ 120/240VAC



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7-8





В		
Α	SP10119	11/10
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)	DRN	D TM
	400	

DTM

NAME NEMA 3R,208V,3C ,MAIN CB ,DRIVE FUSE ,3MB1,IR,SINGLE MOTOR,1 FAN

Danfoss

MODEL

VLT

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