WIRE COLOR SCHEME TERMINAL IDENTIFICATION BLACK - LINE VOLTAGE X - DRIVE TERMINAL RED - AC CONTROL WHITE - AC GROUNDED - CUSTOMER TERMINAL CIRCUIT CONDUCTOR BLUE - DC CONTROL GREEN - CHASSIS GROUND EARTH GROUND EARTH GROUND GRN * AC MOTOR 1 H(SEE NOTES 6) OL1 4T1 (L1) M2 (T1) 2T1 *CUSTOMER (L1) (T1) 3L1 (U1) (U2) 4L1 (IF16A) 1T1 (L1) X T1 L1 (L1) (T1) 1L1 BLK [F15A] 2L1 VLT INPUT SUPPLIED T1/U/96 -TF18AT POWER (L2) (T2) 3L2 (V1) (V2) 4L2 [F16B] 5L2 ADJUSTABLE FREQUENCY L2 (L2) (T2) 1L2 BLK | F15B| 2L2 4T2 (L2) (T2) 1T2 (L2) T2 FEEDER L2/S/92 T2/V/97 F18B 3 PH, (L3) (T3) 3L3 (W1) (W2) 4L3 (F16C) 5L3 L3/T/93 DRIVE CIRCUIT L3 (L3) (T3) 1L3 BLK |F15C|| 2L3 1T3 (L3) 13 4T3 (L3) (T3) 600V, PROTECTION T3/W/98 -TF18CT-(AFD) 60Hz (SEE NOTE 3) DRIVE INPUT FUSES MAIN *AC MOTOR 2 DISCONNECT FUSES REACTOR (L1) (T1) OL2 (SEE NOTES 6) 3T1 (L1) X T1 EARTH GROUND GRN F19A 3T2 (L2) T2 (L2) (T2) -TF19BT-3T3 (L3) (L3) (T3) F19C 163 RED 100 WHT F12 X2 X3 115VAC T2 HEATER (SET: 65° F) (12) 5 (11) TS1 CR6 167 7)FAN 1 (SET: 80°F) (9) (23) (24) TB2 TS1 FAN 2 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.

IOTES:

- 1. * INDICATES COMPONENTS NOT SUPPLIED BY MANUFACTURER.
- 2. 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
- 5.2. HIGHER THAN PANEL LISTED AMBIENT TEMPERATURES
- 5.3. ELEVATION ABOVE 3300 FEET (1000 METERS)
- 5.4. LONG MOTOR LEAD LENGTHS
- 6. WHEN MOTOR OVERLOADS SIZES ARE DIFFERENT, MOTOR 1 WILL BE THE LARGER OF THE TWO MOTORS

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.		1	VARIABLE TORQUE
5-02 TERMINAL 29 TYPE		1	OUTPUT
5-31 TERMINAL 29		5	RUNNING
14-20 RESET MODE		13	INFINITE AUTO REST

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

- NOTICE
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TO ANYONE WITHOUT THE DIRECT WRITTEN PERMISSION OF DANFOSS DRIVES
AND SHALL BE RETURNED UPON REQUEST.

drn D*TM*

DTM

APR

NAME NEMA 3R,600V,3C , MAIN DISC, MAIN & DRIVE FUSE ,3MB1,IR,DUAL MOTOR,2 FAN Danfoss

MODEL VLT PAGE <u>1</u> OF <u>2</u>

- | SIZEA

DWG 185B1570



CIRCUIT CONDUCTOR
BLUE - DC CONTROL
GREEN - CHASSIS GROUND

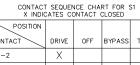
TERMINAL IDENTIFCATION

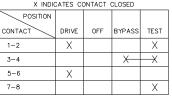
- DRIVE TERMINAL

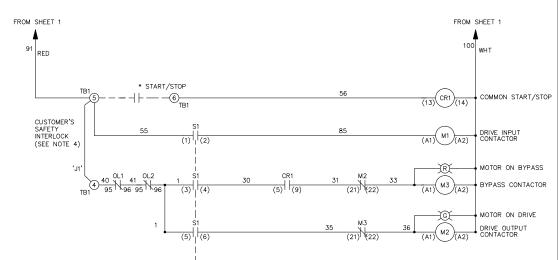
 $\overline{\otimes}$ - CUSTOMER TERMINAL

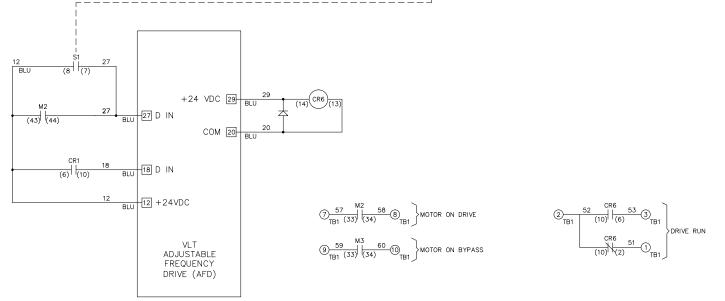
CUSTOMER DRY CONTACT RATINGS

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









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

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DRN	
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DTM

MODEL

VLT

NAME NEMA 3R,600V,3C , МА

AIN	DISC,	MAIN	& DRI	VE FUSE	_ - -
3МЕ	31,IR,DI	JAL M	OTOR,2	2 FAN	

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