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 GRN / * AC MOTOR 1 H(SEE NOTES 6) OL1 4T1 (L1) M2 (T1) 2T1 *CUSTOMER 1T1 (L1) X T1 (U1) (U2) 4L1 (F16A) L1 (L1) (T1) 1L1 BLK (F15A) 2L1 VLT INPUT SUPPLIED L1/R/91 T1/U/96 -TF18AT POWER (V1) (V2) 4L2 |F16B| 5L2 ADJUSTABLE FREQUENCY 4T2 (L2) (T2) 1T2 (L2) T2 FEEDER L2 (L2) (T2) 1L2 BLK [F15B] 2L2 3L2 3 PH, 240V, L2/S/92 T2/V/97 F18BT 3L3 (W1) (W2) 4L3 ||F16C|| 5L3 ||L2/5/92 ||L3/T/93 || DRIVE 1T3 (L3) T3 CIRCUIT L3 (L3) (T3) 1L3 BLK [F15C] 2L3 4T3 (L3) (T3) PROTECTION T3/W/98 -TF18CT (AFD) 60Hz (SEE NOTE 3) INPUT DRIVE INPUT FUSES DRIVE MAIN MAIN LINE *AC MOTOR 2 DISCONNECT FUSES DISCONNECT REACTOR OL2 (SEE NOTES 6) М3 3T1 (L1) X T1 EARTH GROUND GRN (L1) (T1) F19A 3T2 (L2) T2 (L2) (T2) -TF19BT-3T3 (L3) (L3) (T3) F19C 163 RED X2 100 WHT F12 115VAC CR6 3)— TB2 HEATER (SET: 65° F) (12) 5 (11) TS1 CR6 167 2) FAN 1 (SET: 80° F) (9) (5) (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 NOTES: PARAMETER # SETTING VALUE * INDICATES COMPONENTS NOT SUPPLIED BY MANUFACTURER. 0-02 MOTOR SPEED UNIT ΗZ REFER TO THE INSTALLATION AND OPERATION MANUAL FOR DRIVE FUNCTIONS AND PARAMETER SETTINGS. 0-03 NORTH AMERICA REGIONAL SETTINGS FEEDER CIRCUIT PROTECTION, INPUT POWER AND MOTOR WIRING MUST BE SELECTED IN ACCORDANCE WITH 1-03 VARIABLE TORQUE TORQUE CHAR. THE N.E.C., ANY APPLICATION LOCAL CODES AND THE LOAD CURRENT RATING. 5-02

- 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:
- HIGHER SWITCHING FREQUENCY THAN DRIVE DEFAULT
- HIGHER THAN PANEL LISTED AMBIENT TEMPERATURES
- ELEVATION ABOVE 3300 FEET (1000 METERS)
- LONG MOTOR LEAD LENGTHS
- 6. WHEN MOTOR OVERLOADS SIZES ARE DIFFERENT, MOTOR 1 WILL BE THE LARGER OF THE TWO MOTORS

S. AND	DRN D TM	NAME NEMA 3R,240V,2C ,MAIN & DRIVE DISC, MAIN & DRIVE FUSE ,3MB,IR,DUAL MOTOR,4 FAN	Danfort
-	APR	, SMB, IT, DOAL MOTOR, + TAIN	İ
ES	DTM	MODEL VLT PAGE 1 OF 2 SIZE NO. 18	5B1858

5-31

14-20

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

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13

TERMINAL 29 TYPE

TERMINAL 29

RESET MODE

OUTPUT

RUNNING

INFINITE AUTO REST

WIRE COLOR SCHEME BLUE - DC CONTROL

GREEN - CHASSIS GROUND

BLUE - DC CONTROL

GREEN - CHASSIS GROUND

TERMINAL IDENTIFCATION

X - DRIVE TERMINAL

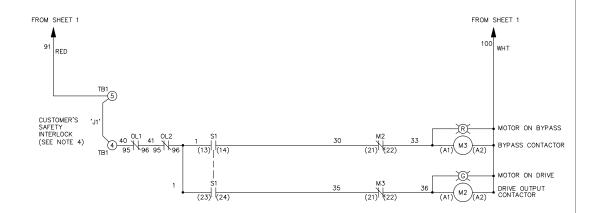
 $\overline{\otimes}$ - CUSTOMER TERMINAL

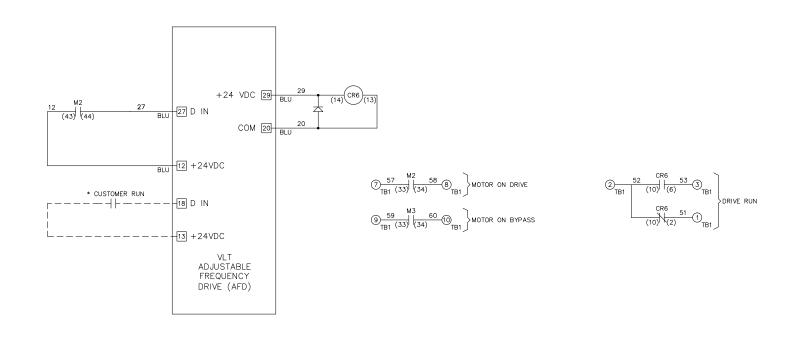
CUSTOMER DRY CONTACT RATINGS

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

CONTACT SEQUENCE CHART FOR S1

A INDICATES CONTACT CLUSED			
POSITION			
CONTACT	DRIVE	OFF	BYPASS
13-14			Χ
23-24	Χ		





В		
А	SP10119	11/10
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	DRN	
)		D TM

DTM

APR

NAME NEMA 3R,240V,2C ,MAIN & DRIVE DISC, MAIN & DRIVE FUSE ,3MB,IR,DUAL MOTOR,4 FAN

Danfoss	

MODEL

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