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 HOL1 (SEE NOTES 6) 4T1 (L1) M2 (T1) 2T1 *CUSTOMER 1T1 (L1) T1 (U1) (U2) 4L1 (F16A) 5L1 (L1/R/91 L1 (L1) (T1) 1L1 BLK (F15A) 2L1 VLT INPUT SUPPLIED T1/U/96 F18A POWER (V1) (V2) 4L2 ||F16B|| 5L2 ||L2/S/92 ADJUSTABLE FREQUENCY 4T2 (L2) (T2) 1T2 (L2) T2 FEEDER L2 (L2) (T2) 1L2 BLK [F15B] 2L2 -[F18B] 3 PH, 600V, T2/V/97 (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 MAIN *AC MOTOR 2 DISCONNECT **FUSES** REACTOR (L1) (T1) (L2) (T2) OL2 (SEE NOTES 6) 3T1 (L1) T1 3T2 (L2) T2 EARTH GROUND GRN [F19A] T1 T2 T3 F19B (L3) (T3) 3T3 (L3) -[F19C] 163 RED 100 WHT F12 X2 X3 250V 115VAC T2 CR6 3<u>—</u> TB2 (12) (4) HEATER (SET: 65° F) (12) 5 (11) TS1 CR6 166 167 (9) (5) (2) FAN 1 (SET: 80° F) (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:

- * INDICATES COMPONENTS NOT SUPPLIED BY MANUFACTURER.
- 2. REFER TO THE INSTALLATION AND OPERATION MANUAL FOR DRIVE FUNCTIONS AND PARAMETER SETTINGS.
- 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:
- HIGHER SWITCHING FREQUENCY THAN DRIVE DEFAULT
- HIGHER THAN PANEL LISTED AMBIENT TEMPERATURES
- 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

MOTICE

NAME	SETTING	VALUE
MOTOR SPEED UNIT	1	HZ
REGIONAL SETTINGS	1	NORTH AMERICA
TORQUE CHAR.	1	VARIABLE TORQUE
TERMINAL 29 TYPE	1	OUTPUT
TERMINAL 29	5	RUNNING
RESET MODE	13	INFINITE AUTO REST
	MOTOR SPEED UNIT REGIONAL SETTINGS TORQUE CHAR. TERMINAL 29 TYPE TERMINAL 29	MOTOR SPEED UNIT 1 REGIONAL SETTINGS 1 TORQUE CHAR. 1 TERMINAL 29 TYPE 1 TERMINAL 29 5

B A	SP10119	11/10	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	DRN D TM	NAME	, MAIN DI	EMA 3R,600V,2C SC, MAIN & DRI	ve fuse	Danfoss
DR	SP10076	09/10	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	APR	MODEL	,SMB,IF	R,DUAL MOTOR,4 I	FAN SIZE A	
REV	ECN	DATE	TO ANYONE WITHOUT THE DIRECT WRITTEN PERMISSION OF DANFOSS DRIVES AND SHALL BE RETURNED UPON REQUEST.	DTM	INIODEL	VLT	PAGE <u>1</u> OF <u>2</u>		NO. 18282127

WIRE COLOR SCHEME WIRE COLUM SCHEME
BLACK - LINE VOLTAGE
RED - AC CONTROL
WHITE - AC GROUNDED
CIRCUIT CONDUCTOR
BLUE - DC CONTROL
GREEN - CHASSIS GROUND

TERMINAL IDENTIFICATION

X - DRIVE TERMINAL

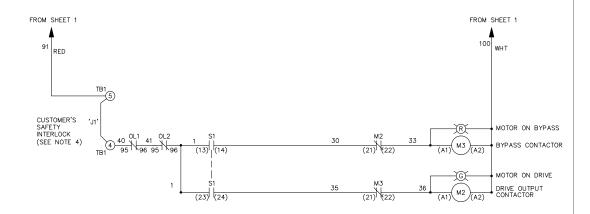
 $\overline{\otimes}$ - CUSTOMER TERMINAL

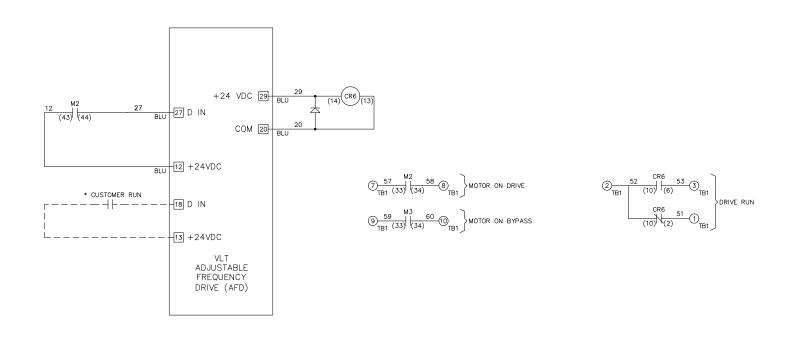
CUSTOMER DRY CONTACT RATINGS

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

CONTACT SEQUENCE CHART FOR S1

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





В		
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DRN	NAME		
D TM		,	М
A D D			

DTM

NEMA 3R,600V,2C MAIN DISC, MAIN & DRIVE FUSE ,3MB,IR,DUAL MOTOR,4 FAN



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