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 1<u>T1 (L1)</u> <u>X T1</u> L1 (L1) (T1) VLTINPUT SUPPLIED [F16A] L1/R/91 T1/U/96 -TF18AT POWER ADJUSTABLE FREQUENCY 5L2 4T2 (L2) (T2) 1T2 (L2) T2 BRANCH L2 (L2) (T2) BLK 2L2 3L2 3 PH, 600V, [F16B] L2/S/92 T2/V/97 F18B -[F16C] 5L3 DRIVE 1T3 (L3) T3 CIRCUIT L3 (L3) (T3) BLK 2L3 4T3 (L3) (T3) PROTECTION L3/T/93 T3/W/98 -TF18CT-(AFD) 60Hz (SEE NOTE 3) DRIVE INPUT FUSES MAIN DRIVE \*AC MOTOR 2 DISCONNECT DISCONNECT (L1) (T1) (L2) (T2) OL2 (SEE NOTES 6) 3T1 (L1) T1 3T2 (L2) T2 EARTH GROUND GRN F19A (T2 (T3 F19B (L3) 3T3 (L3) (T3) F19C 163 RED 100 WHT -| F12 |-X2 X3 250V 115VAC T2 HEATER (SET: 65' F) (12) 5 (11) TS1 CR6 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: PARAMETER # SETTING VALUE \* INDICATES COMPONENTS NOT SUPPLIED BY MANUFACTURER. 0-02 MOTOR SPEED UNIT H7

- REFER TO THE INSTALLATION AND OPERATION MANUAL FOR DRIVE FUNCTIONS AND PARAMETER SETTINGS.
- BRANCHCIRCUIT 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)
- LONG MOTOR LEAD LENGTHS
- 6. WHEN MOTOR OVERLOADS SIZES ARE DIFFERENT, MOTOR 1 WILL BE THE LARGER OF TH

THE TWO MOTORS								
DRN D <i>TM</i>	NAME	,MAIN &	EMA 3R,600V DRIVE DISC, DUAL MOTOF	ĎRI'	VE FUSE	-	De	<u>unfoss</u>
apr D <i>TM</i>	MODEL	VLT	PAGE 1 OF	-	CIZE .	DWG 1 E	35B2	185

REGIONAL SETTINGS

TORQUE CHAR

TERMINAL 29 TYPE

TERMINAL 29

RESET MODE

NORTH AMERICA

VARIABLE TORQUE

OUTPUT

RUNNING

INFINITE AUTO REST

13

0-03

1-03

5-02

5-31

14-20

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

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- NOTICE -

WIRE COLOR SCHEME BLUE - DC CONTROL

GREEN - CHASSIS GROUND

BLUE - DC CONTROL

GREEN - CHASSIS GROUND

## TERMINAL IDENTIFCATION

X - DRIVE TERMINAL

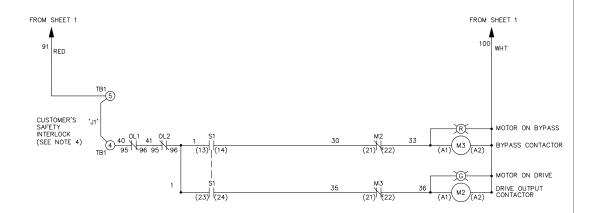
 $\overline{\otimes}$ - CUSTOMER TERMINAL

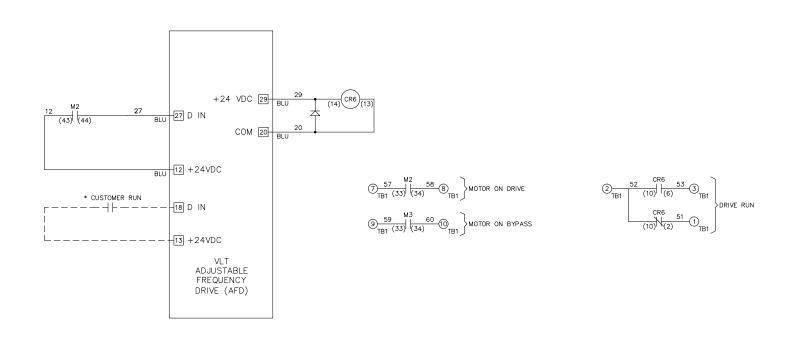
## CUSTOMER DRY CONTACT RATINGS

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

## CONTACT SEQUENCE CHART FOR S1 X INDICATES CONTACT CLOSED

A HIDIOTTES CONTINUT GEOGED			
POSITION			
CONTACT	DRIVE	OFF	BYPASS
13-14			Χ
23-24	Χ		
	7.		





В		
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DRN	NΑ
D TM	
ADD	7

DTM

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

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