WIRE COLOR SCHEME TERMINAL IDENTIFICATION BLACK - LINE VOLTAGE RED - AC CONTROL X - DRIVE TERMINAL WHITE - AC GROUNDED - CUSTOMER TERMINAL CIRCUIT CONDUCTOR
BLUE - DC CONTROL GREEN - CHASSIS GROUND EARTH GROUND EARTH GROUND GRN / \neg 4T1 (L1) (T1) 2T1 4T2 (L2) (T2) 2 * AC MOTOR 1 *CUSTOMER (U1) (U2) 4L1 F16A 5L1 L1/R/91 L1 (L1) (T1) 1L1 BLK (F15A) 2L1 VLT (L1) (T1) 1T1 (L1) T1 INPUT SUPPLIED T1/U/96 (V1) (V2) 4L2 |F16B| 5L2 |L2/S/92 POWER ADJUSTABLE FREQUENCY (L2) (T2) 1T2 (L2) T2 L2 (L2) (T2) 1L2 BLK F15B 2L2 2T2 FEEDER T2/V/97 3 PH, 600V, (W1) (W2) 4L3 |F16C| 5L3 |L2/5/92 |L3/T/93 2T3 (L3) (T3) 1T3 (L3) T3 DRIVE CIRCUIT L3 (L3) (T3) 1L3 BLK [F15C] 2L3 4T3 (L3) (T3) PROTECTION T3/W/98 (AFD) 60Hz (SEE NOTE 3) INPUT DRIVE INPUT FUSES MAIN DISCONNECT **FUSES** REACTOR (L1) (T1) (L2) (T2) (L1) (T1) 3T1 (L1) T1 (L2) (T2) 3T2 (L2) T2 *AC MOTOR 2 EARTH GROUND GRN (L3) (T3) (L3) (T3) 3T3 (L3) 163 RED 100 WHT -| F12 |-X2 X3 250V 115VAC T2 (12) 5 (11) TS1 (12) (4) HEATER (SET: 65° F) CR6 166 167 2) FAN 1 (SET: 80° F) (9) (5) (23) (24) TB2 TS1 FAN 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.

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

NOTES:

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:

TO SHEET 2

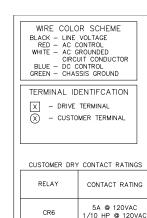
5.1. HIGHER SWITCHING FREQUENCY THAN DRIVE DEFAULT

5.2. HIGHER THAN PANEL LISTED AMBIENT TEMPERATURES

5.3. ELEVATION ABOVE 3300 FEET (1000 METERS)

5.4. LONG MOTOR LEAD LENGTHS

B THIS DOCUMENT CONTAINS PROPRIETARY INFORMATION OF DANFOSS DRIVES. DRN NAME NEMA 3R,600V,2C	- Luc
A SP10119 11/10 IT IS LOANED BY DANFORS DRIVES SUBJECT TO THE CONDITIONS THAT IT AND DISC, MAIN & DRIVE FUSE AND REFERENCE PURPOSES, SHALL NOT BE USED OR CAUSED TO BE USED	Janjuos
DR SP10076 09/10 AND REFERENCE PURPOSES, SHALL NOT BE USED OR CAUSED TO BE USED TO BE USED OR CAUSED TO BE USED OR CAUSED TO BE USED TO BE USED TO BE USED OR CAUSED TO BE USED TO BE USED TO BE USED TO BE USED TO BE USE	
REV ECN DATE TO ANYONE WITHOUT THE DIRECT WRITTEN PERMISSION OF DANFOSS DRIVES DIVES	35B145/



10A @ 120/240VAC

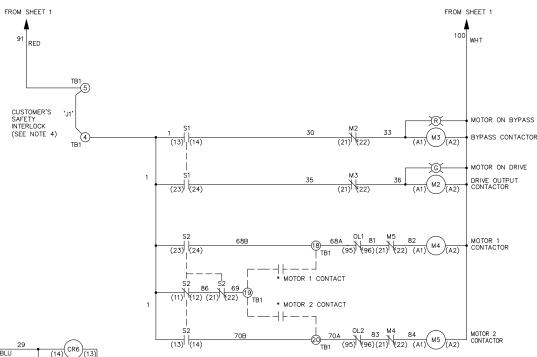
CONTACT SEQUENCE CHART FOR S1

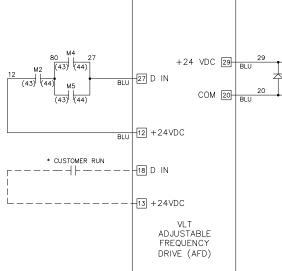
X INDICAT	ES CONT	ACT CLC	SED
POSITION			
CONTACT	DRIVE	OFF	BYPASS
13-14			Χ
23-24	Χ		

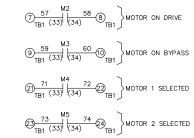
POSITION			
CONTACT	DRIVE	OFF	BYPASS
13-14			X
23-24	Х		

CONTACT SEQUENCE CHART FOR S2

X INDIC	CATES CONT	ACT CLOSE	D
POSITION			
CONTACT	MOTOR 1	AUTO	MOTOR 2
11-12	X	 X	
13-14			Χ
21-22		X	X
23-24	Х		







②	52 CR6 53 (10) (6) TB1	DRIVE RUN
	CR6 51 (10) (2) TB1	DRIVE RUN

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

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AND SHALL BE RETURNED UPON REQUEST.

DRN		NAME
	DTM	
	DIIVI	
4 D D		

DTM

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

Danfoss

MODEL VLT