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 H4T1 (L1) M2 (T1) 2T1 * AC MOTOR 1 *CUSTOMER 5L1 VLT(L1) | (T1) 1T1 (L1) \(\infty\) T1 INPUT SUPPLIED T1/U/96 [F16A] L1/R/91 POWER ADJUSTABLE FREQUENCY 5L2 4T2 (L2) (T2) 2T2 (L2) (T2) 1T2 (L2) T2 FEEDER L2 BLK 2L2 3L2 [F16B] 3 PH, 600V, L2/S/92 T2/V/97 DRIVE CIRCUIT BLK 2L3 4T3 (L3) (T3) _2T3 (L3) (T3) 1T3 (L3) PROTECTION L3/T/93 T3/W/98 (AFD) 60Hz (SEE NOTE 3) CB1 DRIVE INPUT FUSES DRIVE CIRCUIT DISCONNECT BREAKER OL2 (L1) (T1) 3T1 (L1) T1 (L2) (T2) 3T2 (L2) T2 *AC MOTOR 2 (L1) (T1) (L2) (T2) GROUND GRN (L3) (T3) (L3) (T3) 3T3 (L3) 163 RED 100 WHT F12 X2 X3 115VAC T2 (12) (4) HEATER (SET: 65° F) (12) 5 (11) TS1 CR6 167 7)FAN 1 (SET: 80°F) (9) (5) (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.

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:
- 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

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

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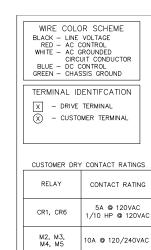
NEMA 3R,600V,2C ,MAIN CB, DRIVE DISC, DRIVE FUSE ,3MB1,CONTACT MOTOR SELECT,2 FAN

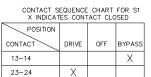


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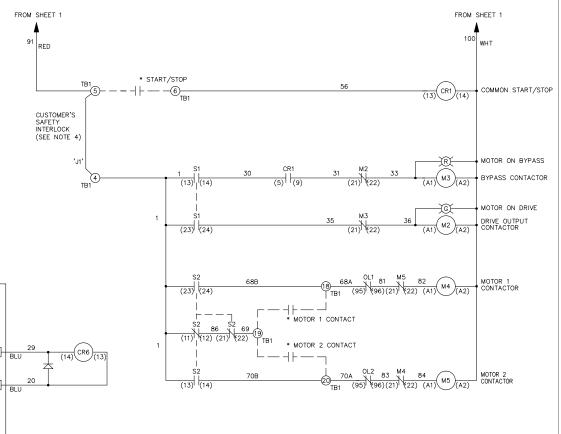
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CONTACT SEQUENCE CHART FOR SE	2
V INDIOATEC CONTACT OF CCED	

X INDICATES CONTACT CLOSED			
POSITION			
CONTACT	MOTOR 1	AUTO	MOTOR 2
11-12	X	X	
13-14			X
21-22		X	X
23-24	Х		



12 M2 (43) (44) M5 BLU	+24 VDC 29- -27 D IN COM 20-	29 (14) CRE (13) 20 BLU	S2 86 S2 69 19 (11) (12) (21) (22) TB1 S2 70B	* MOTOR 1 CONTACT * MOTOR 2 CONTACT	MOTOR 2 CONTACTOR
CR1 18 (6) (10) BLU	18 D IN				
12 BLU	12 +24VDC	$\bigcirc \frac{57}{181} \frac{M^{2}}{(33)} \left(\frac{58}{(34)} \cdot 8\right)_{TB}$	MOTOR ON DRIVE	$ \underbrace{2_{TB1}}_{TB1} \underbrace{ \begin{array}{c} CR6 \\ (10) \\ (6) \\ (6) \\ (6) \\ (70) \\ (2) \\ (101) \\ (2) \\ (101) \\ (201)_{TB1} \\ (101)_{TB1} \\ (201)_{TB1} \\ (201)_{TB1$	
	VLT ADJUSTABLE FREQUENCY		MOTOR ON BYPASS	$ \begin{array}{c c} & \text{CR6} & 51 \\ \hline & (10) \\ \hline & (2) \\ \end{array} $ $ \begin{array}{c} \text{TB1} \end{array} $	
	DRIVE (AFD)	$2)\frac{71}{1B1} (33) 4 (34) 20_{TB}$	MOTOR 1 SELECTED		
		$\mathfrak{D}_{\overline{181}} \frac{73}{(33)} \stackrel{M5}{ }_{\overline{(34)}} \frac{74}{(34)} \mathfrak{D}_{\overline{181}}$	MOTOR 2 SELECTED		

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NAME NEMA 3R,600V,2C ,MAIN CB, DRIVE DISC, DRIVE FUSE ,3MB1,CONTACT MOTOR SELECT,2 FAN



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