WIRE COLOR SCHEME TERMINAL IDENTIFICATION BLACK - LINE VOLTAGE X - DRIVE TERMINAL RED - AC CONTROL WHITE - AC GROUNDED X - CUSTOMER TERMINAL CIRCUIT CONDUCTOR
BLUE - DC CONTROL GREEN - CHASSIS GROUND EARTH GROUND EARTH GROUND GRN * AC MOTOR 1 HOL1 (SEE NOTES 6) *CUSTOMER 1T1 (L1) X T1 3L1 VLT 2T1 INPUT SUPPLIED L1/R/91 IF16AI T1/U/96 TF18AI F16B 3L2 POWER ADJUSTABLE FREQUENCY 1L2 1T2 (L2) T2 FEEDER BLK 2T2 3 PH, 600V, L2/S/92 T2/V/97 F18B DRIVE CIRCUIT 1T3 (L3) T3 BLK 2T3 PROTECTION L3/T/93 T3/W/98 -TF18CI (AFD) (SEE NOTE 3) CB1 DRIVE INPUT FUSES CIRCUIT *AC MOTOR 2 BREAKER OL2 (SEE NOTES 6) EARTH GROUND GRN F19A 3T2 (L2) T2 -TF19BI 3T3 (L3) X T3 F19C * CUSTOMER RUN 163 RED 100 WHT -18 D IN -| F12 | X2 X3 115VAC T2 CUSTOMER DRY CONTACT RATINGS -13 +24VDC (12) (4) HEATER (SET: 65° F) RELAY CONTACT RATING (12) 5 (11) TS1 CR6 5A @ 120VAC 167 +24 VDC 29 2) FAN 1 (SET: 80° F) CR6 (9) (5) 1/10 HP @ 120VAC (23) (24) TB2 27 TS1 95 FAN 2 TB1 12 +24VDC CUSTOMER'S SAFETY INTERLOCK VLT (SEE NOTE 4) **ADJUSTABLE** WARNING! DRIVE RUN FREQUENCY THE FOLLOWING TABLE LISTS THE PARAMETERS THAT DRIVE (AFD) ARE SET DIFFERENT FROM THE DRIVE DEFAULT SETTINGS. ADDITIONAL PARAMETER SETTINGS MAY BE REQUIRED FOR YOUR APPLICATION. DRIVE PARAMETER SETTINGS NOTES: 1. * INDICATES COMPONENTS NOT SUPPLIED BY MANUFACTURER. PARAMETER # SETTING NAME VALUE REFER TO THE INSTALLATION AND OPERATION MANUAL FOR DRIVE FUNCTIONS AND PARAMETER SETTINGS. 0-02 MOTOR SPEED UNIT ΗZ FEEDER CIRCUIT PROTECTION, INPUT POWER AND MOTOR WIRING MUST BE SELECTED IN ACCORDANCE WITH 0-03 REGIONAL SETTINGS NORTH AMERICA THE N.E.C., ANY APPLICATION LOCAL CODES AND THE LOAD CURRENT RATING. 1-03 TORQUE CHAR. VARIABLE TORQUE REPLACE JUMPER 'J1' WITH NORMALLY CLOSED SAFETY INTERLOCK CONTACT AS NECESSARY. 5-02 TERMINAL 29 TYPE OUTPUT 5. PANEL MAY REQUIRE DERATING, CONSULT DRIVE MANUAL OR FACTORY FOR FOLLOWING CONDITIONS: 5-31 TERMINAL 29 RUNNING 5.1. HIGHER SWITCHING FREQUENCY THAN DRIVE DEFAULT 14-20 RESET MODE 13 INFINITE AUTO REST 5.2. 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

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