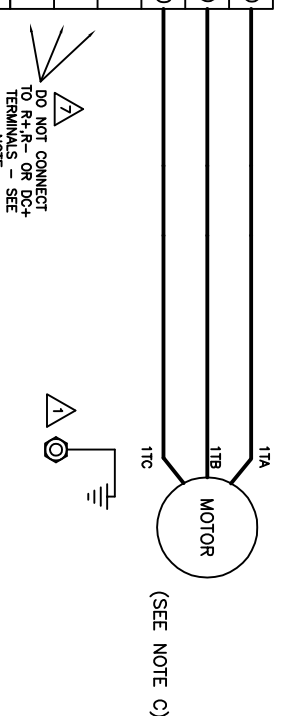
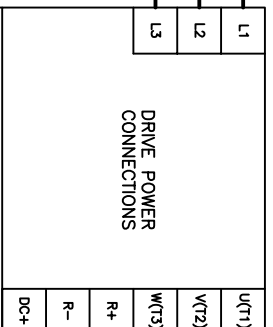


- NOTES:
- 1 ENCLOSURE AND MOTOR(S) MUST BE GROUNDED. SEE INSTRUCTION MANUAL.
 - 2 JUMPER IS FACTORY INSTALLED TO ENABLE START PERMISSIVE. CAN BE REPLACED WITH N/C CONTACT.
 - 3 CLOSE TERMINALS 6 TO 8 OR 8 TO 12 TO START IN AUTO MODE - SEE MANUAL.
 - 4 RELAYS SHOWN IN DE-ENERGIZED STATE.

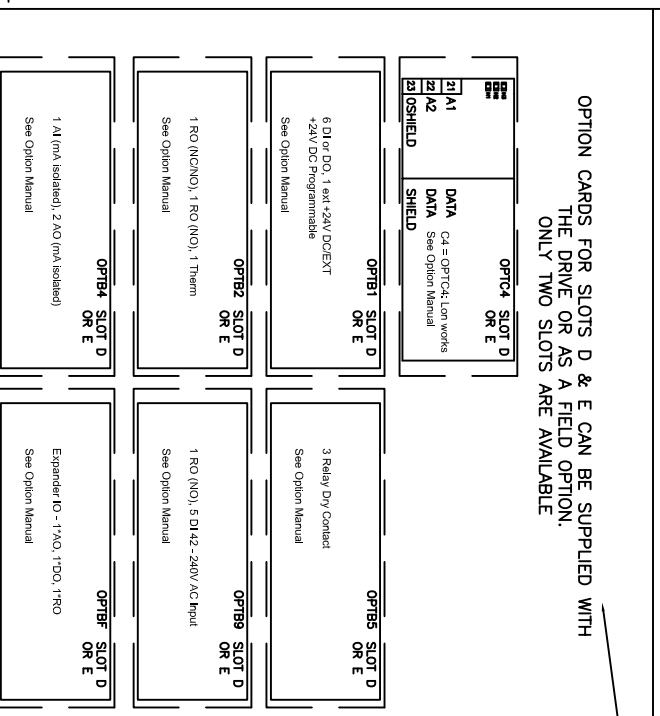
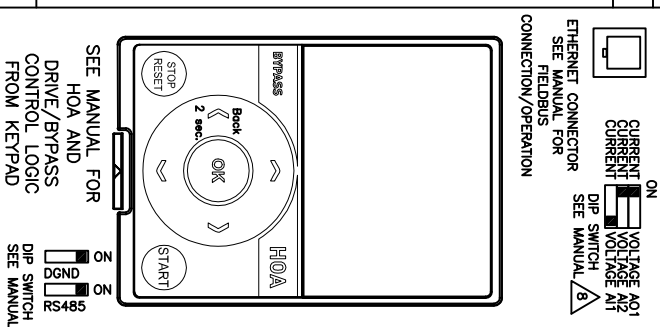
7 DO NOT MAKE ANY CONNECTIONS TO DC+, R+, R-, TERMINALS, THESE TERMINALS ARE USED FOR OPTIONAL DYNAMIC BRAKING

8 ALTERNATE CONTROL PCB DIP SWITCH CONFIG SHOWN BELOW



MAIN CONTROL PCB	
1	+10V REFERENCE OUTPUT
2	A1-1+ ANALOG INPUT VOLTAGE (RANGE 0-10 VDC)
3	Vin ANALOG INPUT COMMON
4	A1-2+ ANALOG INPUT CURRENT (RANGE 4-20mA)
5	A1-2- ANALOG INPUT CURRENT (RANGE 4-20mA)
6	24Vout CONTROL VOLTAGE OUTPUT
7	GND I/O GROUND
8	DIN1 START/STOP
9	DIN2 EXTERNAL FAULT
10	DIN3 RUN PERMISSIVE IP INTERLOCK
11	COM DIN1-DIN6 COMMON
12	24Vout CONTROL VOLTAGE OUTPUT
13	GND I/O GROUND
14	DIN4 SPEED SELECT (PROGRAMMABLE 0-100%)
15	DIN5 FIRE MODE
16	DIN6 FORCE BYPASS
17	COM DIN4-DIN6 COMMON
18	AO-1+ OUTPUT FREQUENCY
19	AO-1- ANALOG OUTPUT
30	24VDC 24VDC AUX INPUT VOLTAGE
A	DATA- RS485 DATA-
B	DATA+ RS485 DATA+

RELAY BOARD 1 STD SLOT B	
21	R01 BYPASS RUN
22	R02 DRIVE RUN
23	R03 DRIVE FAULT



OPTION CARDS FOR SLOTS D & E CAN BE SUPPLIED WITH THE DRIVE OR AS A FIELD OPTION. ONLY TWO SLOTS ARE AVAILABLE

(SEE NOTE B)

NOTE A: INCOMING POWER CONNECTION:
 RUN CABLING IN SEPARATE METAL CONDUIT OR WIRE TRAY.
 DO NOT RUN WITH CONTROL WIRING OR MOTOR CABLES.
 CABLES TO BE SIZED PER NEC.
 PROVIDE LOW IMPEDANCE GROUND CONNECTION TO DRIVE CHASSIS.
 DO NOT CONNECT TO B+, B- TERMINALS. THESE TERMINALS ARE USED FOR EXTERNAL BRAKING IF REQUIRED.

NOTE B: I/O CONNECTION:
 RUN 110VAC AND 24VDC CONTROL WIRING IN SEPARATE CONDUIT.
 COMMUNICATION WIRE TO BE SHIELDED.
 KEYPAD CABLE MUST BE LESS THEN 20 FEET.

NOTE C: MOTOR CONNECTION:
 RUN MOTOR CABLES IN SEPARATE METAL CONDUIT OR WIRE TRAY.
 DO NOT RUN WITH CONTROL WIRING OR POWER CABLES.
 CABLES TO BE SIZED PER NEC.
 PROVIDE LOW IMPEDANCE GROUND CONNECTION BETWEEN MOTOR AND DRIVE.

OPTION CODE: L3 SA

TITLE HMAX FRAME SIZES 4-7
 INTELLIDISCONNECT

ADDED TABS 0009 THRU 0016 AND 1009 THRU 1016:
 ADDED HEATER TO SCHEMATIC ON TABS 0009 THRU 0016 AND 1009 THRU 1016;

FILE TYPE: AutoCAD
 DWG FILENAME: 285446.DWG
 ECO NUMBER: ECO-041338

DR RAK
 DATE: 01/21/13
 P/JF
 DATE: 01/21/13

PRODUCT: HMAX
 DWG NO: 285446-0010
 SHEET: 1 OF 1