



- 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



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

**L/D CONNECTION NOTES:**  
 RUN 110VAC AND 24VDC CONTROL WIRING IN SEPARATE CONDUIT.  
 COMMUNICATION WIRE TO BE SHIELDED.  
 KEYPAD CABLE MUST BE LESS THAN 20 FEET.  
 MOTOR CONNECTION NOTES:  
 DO NOT RUN WITH CONTROL WIRING OR POWER CABLES.  
 CABLES TO BE SIZED PER NEC.  
 PROVIDE LOW IMPEDANCE GROUND CONNECTION BETWEEN MOTOR AND DRIVE.

UPDATED CONTROL DIP SWITCHES ADDED NOTE 8 OPTCS WAS OPTC2

THIRD ANGLE PROJECTION

DWG. SIZE B

FILE TYPE AutoCAD

DWG FILENAME 285448

ECO NUMBER 039393

REVISION 002

G.O. NUMBER

DWG NO. 285448-0001

SHEET 1 OF 1

**Eaton**

DR P/JF DATE 10/15/12

CKD RJS DATE 10/15/12

APPD P/JF DATE 10/15/12

PRODUCT HMAX

TITLE HMAX FRAME SIZES 4-9

OPEN DRIVE

DWG TYPE SCHEMATIC