



NOTES:
 1. CUSTOMER TO CONNECT THE CABINET GROUND LUG TO EARTH GROUND.
 2. INSULATED TWISTED SHIELDED WIRE IS REQUIRED. SHIELD TO CONNECT TO PROPER TERMINAL AS SHOWN. CONNECT THE SHIELD ONLY AT THIS END. STUB AND ISOLATE THE OTHER END. DO NOT RUN THESE WIRES IN THE SAME CONDUIT AS THE AC POWER AND THE AC CONTROL WIRES.
 3. WITH A CONTROL TRANSFORMER, T1, POWER RATING 350VA OR GREATER, SECONDARY FUSE F6 IS ADDED.
 4. CHANGING Z1-01 TO "1" WILL PROGRAM THE DRIVE AND BYPASS PARAMETERS TO THEIR FACTORY DEFAULT SETTINGS.
 5. FOR 208VAC APPLICATIONS, SET E1-01 TO 208 AND SET E1-05 TO 208.
 6. THE MOTOR OVERLOAD RELAY IS FACTORY SET FOR MANUAL RESET. CUSTOMER TO ADJUST THE MOTOR OVERLOAD RELAY TRIP SETTING FOR THE ACTUAL AC MOTOR'S FULL LOAD AMPS.
 7. CONDUIT FITTINGS/HUBS SHALL COMPLY WITH THE 'STANDARD FOR CONDUIT, TUBING, AND CABLE FITTINGS, UL 514B'. OR CONDUIT FITTINGS HAVING THE SAME ENVIRONMENTAL RATING AS THE ENCLOSURE SHALL BE USED.

* - INDICATES COMPONENTS NOT SUPPLIED BY YASKAWA.
 - - INDICATES CUSTOMER WIRING.
 ⚡ - CONNECTED TO THE CABINET OR PANEL.

REV.	DESCRIPTION	ECO #	DRAWN BY	DATE
03	CHANGED REACTOR L4 TERMINAL DESIGNATORS	7695	R. ROH	11/16/17
02	CORRECTED WIRE NO. TO 3L3 ON OPTION PR	6321	DRC	6/9/15
01	ADDED OPTION PH	6049	NSL	3/2/15

YASKAWA

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DRAWN BY: D.R. CMELAK	DATE: 11/30/13	TITLE: SCHEMATIC DIAGRAM
CHECKED: D. PACKER	DATE: 11/30/13	P1000 ELECTRONIC BYPASS
APPROVED: K. FLIERL	DATE: 11/30/13	SIZE: D
ORIGINAL DESIGNER: D.R. CMELAK	DATE: 11/30/13	REVISION: 03

HOA OPERATOR PART NUMBER JVOP-183