

CONTROL TRANSFORMER PRIMARY CONNECTIONS		
INPUT VOLTS	TERMINALS	JUMPER LOCATION
208	A (H1)	B (H2)
460/480	(H1)	(H4) (H2) TO (H3)

101 FROM CUSTOMER'S A.C. LINES SEE NOTE 4

102 MAIN DISCONNECT

103 STANDARD DISCONNECT SWITCH SEE NOTE 2

104 GND LUG SEE NOTE 1

105 INPUT POWER GROUND

106 GND LUG SEE NOTE 1

107 UTILITY GROUND

108 OPTION PN DELTA-WYE CAPACITIVE INPUT FILTER FOR BASE NO.S D343-D396 B361-B590 D273P4-D396P4 B361P4-B590P4 TO DRIVE TERMINAL

109 OPTION PR 3% INPUT REACTOR

110 OPTION P2 LIGHTNING PROTECTION

111 OPTION PF DRIVE INPUT FUSES

112 OPTION P3 SPACE HEATER

113 CABINET SPACE HEATER RANGE: (0-100) DEG. F FACTORY SETTING: 40 DEG. F SEE NOTE 7

114 CABINET BLOWER(S) B1/B6 (IF REQUIRED)

115 CONTROL TRANSFORMER T1

116 OPTION TK 120VAC, 1 PHASE, 200VA MAX. POWER FOR CUSTOMER USE

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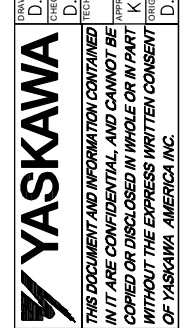
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- NOTES:
1. CUSTOMER TO CONNECT THE CABINET GROUND LUGS TO EARTH GROUND AND UTILITY GROUND.
 2. WITHOUT THE INPUT CIRCUIT BREAKER OPTION PC OR PM, OR WHEN NOTED ON THE CABINET DATA NAMEPLATE, BRANCH CIRCUIT PROTECTION MUST BE SUPPLIED BY THE INSTALLER.
 3. WITH A CONTROL TRANSFORMER, T1, POWER RATING 350VA OR GREATER, SECONDARY FUSE F6 IS ADDED.
 4. FOR 208VAC APPLICATIONS, SET E1-01 TO 208 AND SET E1-05 TO 208.
 5. FOR SPEED POT OPTION TZ, SET L4-05 TO 0 AND S5-01 TO 1.
 6. 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.
 7. CUSTOMER TO ADJUST THE THERMOSTAT ON THE SPACE HEATER HR1 FOR THE MINIMUM DESIRED TEMPERATURE INSIDE THE DRIVE CABINET. THIS SET TEMPERATURE IS NORMALLY SELECTED TO BE SLIGHTLY HIGHER THAN THE MINIMUM AMBIENT TEMPERATURE OF THE AIR SURROUNDING THE CABINET, AND IS THE TEMPERATURE AT WHICH THE SPACE HEATER HR1 WILL SHUT OFF.

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



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REV.	DESCRIPTION	ECO #	DRAWN BY	DATE
02	ADDED NOTE FOR OPTION TZ PARAMETER CHANGES	5161	D.CMELAK	03/28/14
01	REMOVE WIRE# FROM T1 GROUND WIRE	5016	D.PACKER	02/17/14
00	INITIAL RELEASE		D.CMELAK	7/24/13

DATE	FILE	SIZE	REVISON	PAGE
7/24/13	SCHEMATIC DIAGRAM Z1000 CONFIGURED	D	02	1 of 1
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