



- 101 MAIN DISCONNECT
- 102 CUSTOMER'S A.C. LINES SEE NOTE 4
- 103 GND LUG SEE NOTE 1
- 104 INPUT POWER FROM EARTH GROUND
- 105 STANDARD DISCONNECT SWITCH SEE NOTE 2
- 106 OR
- 107 OPTION PC OR PM CIRCUIT BREAKER CB1
- 108 DELTA-WYE CAPACITIVE INPUT FILTER FOR BASE NO.S D343-D396 B361-B590 D273P4-D396P4 B361P4-B590P4
- 109 TO DRIVE TERMINAL
- 110 MAIN BONDING JUMPER TBN1 1
- 111 NEUTRAL
- 112 DOOR MOUNTED DIGITAL OPERATOR
- 113 PCB OPTIONS TL-ETHERNET 1/P SEE THE APPROPRIATE TECHNICAL MANUAL FOR JUMPER SUPPLIED WITH OPTION CARD
- 114 JUMPER S1
- 115 TERMINAL A1/A2
- 116 DIP SWITCH S2 Terminating Resistor
- 117 JUMPER S5
- 118 TERMINAL FM/AM
- 119 COMMUNICATIONS INPUT (+)
- 120 COMMUNICATIONS INPUT (-)
- 121 COMMUNICATIONS OUTPUT (+)
- 122 COMMUNICATIONS OUTPUT (-)
- 123 MOTOR LEAD GROUND
- 124 A.C. MOTOR #1 \*
- 125 A.C. MOTOR #2 \*
- 126 OPTION P2 LIGHTNING PROTECTION
- 127 OPTION PF DRIVE INPUT FUSES
- 128 OPTION P3 SPACE HEATER
- 129 DRIVE RUNNING
- 130 DRIVE RUNNING H2-01=0
- 131 ZERO SPEED H2-02=1
- 132 DRIVE RUNNING H2-03=0
- 133 OPTION PN GREEN LEAD WIRE
- 134 DRIVE RUNNING H2-03=0
- 135 DRIVE RUNNING H2-03=0
- 136 DRIVE RUNNING H2-03=0
- 137 DRIVE RUNNING H2-03=0
- 138 DRIVE RUNNING H2-03=0
- 139 DRIVE RUNNING H2-03=0
- 140 DRIVE RUNNING H2-03=0
- 141 DRIVE RUNNING H2-03=0

- 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. SET DRIVE PARAMETER H2-03 TO 0, FOR DRIVE RUNNING.
- 6. FOR SPEED POT OPTION TZ, SET L4-05 TO 0 AND S5-01 TO 1.
- 7. STANDARD FITTINGS/HUBS SHALL COMPLY WITH THE FITTINGS, UL 514B, OR CONDUIT FITTINGS HAVING THE SAME ENVIRONMENTAL RATING AS THE ENCLOSURE SHALL BE USED.
- 8. 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.

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

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101 102 103 104 105 106 107 108 109 110 111 112 113 114 115 116 117 118 119 120 121 122 123 124 125 126 127 128 129 130 131 132 133 134 135 136 137 138 139 140 141

15 16 17

CONTROL TRANSFORMER PRIMARY CONNECTIONS

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

DRIVE RUNNING  
MOTOR #1 CONTACTOR  
MOTOR #2 CONTACTOR  
CABINET THERMOSTAT  
CABINET BLOWER(S)  
DRIVE RUNNING  
CABINET BLOWER(S)

OPTION P2 LIGHTNING PROTECTION  
OPTION PF DRIVE INPUT FUSES  
OPTION P3 SPACE HEATER  
CABINET SPACE HEATER  
RANGE: 0.00 DEG. F  
FACTORY SETTING: 40 DEG. F  
SEE NOTE 8

120VAC, 1 PHASE, 200VA MAX. POWER FOR CUSTOMER USE  
OPTION TK  
\* - INDICATES COMPONENTS NOT SUPPLIED BY YASKAWA.  
- - INDICATES CUSTOMER WIRING.  
// - CONNECTED TO THE CABINET OR PANEL.

YASKAWA  
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