



CONTROL TRANSFORMER PRIMARY CONNECTIONS			
INPUT VOLTS	TERMINALS		JUMPER LOCATION
	A	B	
230/240	(H1)	(H4)	(H1) TO (H3) (H2) TO (H4)
460/480	(H1)	(H4)	(H2) TO (H3)
208 OR 600	(H1)	(H2)	NONE

CONTACT	POSITION			MANUF. LOCATION /TYPE
	HAND	OFF	AUTO	
1	X			1RO
2			X	1LO
3	X			2RO

CONTACT	POSITION			MANUF. LOCATION /TYPE
	HAND	OFF	AUTO	
1	X			1RO
2			X	1LO
3			X	2LO

NOTES:

- CONNECTED TO THE CABINET. CUSTOMER TO CONNECT THE CABINET GROUND LUG TO EARTH GROUND.
- CONDUIT FITTINGS/HUBS SHALL COMPLY WITH THE 'STANDARD FOR CONDUIT, TUBING, AND CABLE FITTINGS, UL 514B', OR CONDUIT FITTINGS/HUBS HAVING THE SAME ENVIRONMENTAL RATING AS THE ENCLOSURE SHALL BE USED.
- WITHOUT THE CIRCUIT BREAKER (OPTION PC OR PE), OR DISCONNECT SWITCH OPTION PD, THE DISCONNECT MEANS MUST BE SUPPLIED BY THE CUSTOMER.
- BRANCH CIRCUIT PROTECTION TO BE SUPPLIED BY THE CUSTOMER WHEN NOTED ON THE CABINET DATA NAMEPLATE.
- INSULATED TWISTED SHIELDED WIRE IS REQUIRED. SHIELD TO CONNECT TO PROPER TERMINALS 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 AC CONTROL WIRES. KEEP ALL WIRING UNDER 50m IN LENGTH.
- FOR A CONTROL TRANSFORMER T1 POWER RATING OF 350VA OR GREATER, SECONDARY FUSE F6 IS ADDED.
- IF AC MOTOR IS FURNISHED WITH A N.C. THERMAL SWITCH THEN SET DRIVE PARAMETER H1-08 TO 27. THIS WILL CAUSE THE DRIVE TO COAST TO STOP UPON A AC MOTOR THERMAL FAULT. ALONG WITH THIS, ADD THE FOLLOWING CUSTOMER WIRING: WIRE THE N.C. THERMAL SWITCH BETWEEN TERMINAL S8 OF THE 120VAC INTERFACE CARD AND ONE SIDE OF THE 120VAC SOURCE.
- CUSTOMER MUST PROVIDE PROPER SHORT CIRCUIT PROTECTION AND MEANS OF DISCONNECT.
- OPTIONS TD, TG, TH OR TQ CONTROL (SEE UDE00337 FOR MORE INFORMATION)

* - INDICATES COMPONENTS NOT SUPPLIED BY YASKAWA.
 --- INDICATES CUSTOMER WIRING.
 SEE THE FOLLOWING DRAWINGS FOR CUSTOMER CONNECTION TABLES:
 DRAWING UDE00333 FOR MODEL NO. A1C(1 OR 2)XXXX
 DRAWING UDE00334 FOR MODEL NO. A1C(4 OR 5)XXXX
 SEE DRAWING UDE00337 FOR DRIVE PARAMETER SETTINGS.

REVISIONS				
REV.	DESCRIPTION	ECO #	DRAWN BY	DATE
05	CHANGED REACTOR L4 TERMINAL DESIGNATORS	7696	R. ROH	11/14/17
04	UPDATE CUSTOMER WIRING TO BOLD LINES	6620	DJP	10/07/15
03	ADDED FM, AM, MP TERMINALS TO DRIVE	6422	DJP	07/17/15

YASKAWA

DRAWN BY: K. MALUSIC	DATE: 9/4/12	TITLE: SCHEMATIC DIAGRAM A1000 CONFIGURED HIGH HORSEPOWER TYPE 1
CHECKED: D.R. CMELAK	DATE: 9/4/12	REVISION: 05
APPROVED: K. FLIERL	DATE: 9/4/12	PAGE: 1 of 1
ORIGINAL DESIGN: D.R. CMELAK	DATE: 9/4/12	DRAWING #: DS.A1C1.10

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