



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 SEQUENCE CHART FOR S2
X - INDICATES CONTACT CLOSED

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

* SCHEMATIC SHOWS THIS POSITION.

CONTACT SEQUENCE CHART FOR S2
X - INDICATES CONTACT CLOSED

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

* SCHEMATIC SHOWS THIS POSITION.

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 UDE00358 FOR MORE INFORMATION)

* - INDICATES COMPONENTS NOT SUPPLIED BY YASKAWA.
 --- INDICATES CUSTOMER WIRING.
 SEE DRAWING UDE00357 FOR CUSTOMER CONNECTIONS.
 SEE DRAWING UDE00358 FOR DRIVE PARAMETER SETTINGS.

REVISIONS				
REV.	DESCRIPTION	ECO #	DRAWN BY	DATE
02	CHANGED REACTOR L4 TERMINAL DESIGNATORS	7695	R. ROH	11/16/17
01	CHG. L4 WIRE NO.'S AND WIRING TO SPEED POT	3907	DRC	1/23/13
00	INITIAL RELEASE	-	KM	9/4/12

YASKAWA

DRAWN BY: K. MALUSIC	DATE: 9/4/12	TITLE: SCHEMATIC DIAGRAM P1000 CONFIGURED HIGH HORSEPOWER TYPE 1
CHECKED: D.R. CMELAK	DATE: 9/4/12	SIZE: D
APPROVED: K. FLIERL	DATE: 9/4/12	REVISION: 02
ORIGINAL DESIGN: D.R. CMELAK	DATE: 9/4/12	PAGE: 1 of 1

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