



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

NOTES:

- CONNECTED TO THE CABINET. CUSTOMER TO CONNECT THE CABINET GROUND LUGS TO EARTH GROUND AND UTILITY GROUND.
- 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 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. 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 50mm IN LENGTH.
- 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.
- 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 AN 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 120VAC SOURCE.
- CUSTOMER MUST PROVIDE PROPER SHORT CIRCUIT PROTECTION AND MEANS OF DISCONNECT.
- OPTIONS ID, IG, TH OR IQ CONTROL (SEE UDE00388 FOR MORE INFORMATION)

CONTACT SEQUENCE CHART FOR S2
CONTACT S2 - INDICATES CONTACT CLOSED

CONTACT	POSITION	MANUF. LOCATION / TYPE
1	HAND OFF	AUTO
2	X	1R0
3	X	1L0
	X	2R0

* SCHEMATIC SHOWS THIS POSITION.

CONTACT SEQUENCE CHART FOR S2
CONTACT S2 - INDICATES CONTACT CLOSED

CONTACT	POSITION	MANUF. LOCATION / TYPE
1	HAND OFF	AUTO
2	X	1R0
3	X	1L0
	X	2L0

* SCHEMATIC SHOWS THIS POSITION.



REV.	DESCRIPTION	ECO #	DATE	DATE	DATE
04	UPDATE CUSTOMER CONNECTIONS TO BOLD LINES	6620	DJP	10/07/15	
03	ADDED FM, AM, MP TERMINALS TO DRIVE	6422	DJP	07/17/15	

* - INDICATES COMPONENTS NOT SUPPLIED BY YASKAWA.
 - - INDICATES CUSTOMER WIRING.
 SEE DRAWING UDE00345 FOR CUSTOMER CONNECTION TABLES.
 SEE DRAWING UDE00388 FOR DRIVE PARAMETER SETTINGS.

