



1. CUSTOMER TO CONNECT FIELD WIRING TO THE CABINET GROUND LUG.
2. 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.
3. WITHOUT THE CIRCUIT BREAKER (OPTION PC, PE, OR PM), OR DISCONNECT SWITCH OPTION PD, THE DISCONNECT MEANS MUST BE SUPPLIED BY THE CUSTOMER.
4. BRANCH CIRCUIT PROTECTION TO BE SUPPLIED BY THE CUSTOMER WHEN NOTED ON THE CABINET DATA NAMEPLATE.
5. 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 AC POWER AND AC CONTROL WIRES. KEEP ALL WIRING UNDER 50m IN LENGTH.
6. 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.
7. IF THIS CABINET IS WIRED TO A 3 PHASE, 4 WIRE WYE INPUT POWER TRANSFORMER, THEN ORDER NEUTRAL CURRENT TRANSFORMER:
 - 7.1. FOR A 1000 AMP OR 1200 AMP CIRCUIT BREAKER (OPTION PC OR PE): PART NO. UPT000302.
 - 7.2. FOR A 1600 AMP CIRCUIT BREAKER (OPTION PC OR PE): PART NO. UPT000303.
8. OPTIONS T3, TC, TD, TG, TH, OR TO Q CONTROL (SEE UDE00583 FOR MORE MORE INFORMATION).
9. CUSTOMER MUST PROVIDE PROPER SHORT CIRCUIT PROTECTION AND MEANS OF DISCONNECT.

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

- SCHEMATIC SHOWS THIS POSITION.

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

- SCHEMATIC SHOWS THIS POSITION.

SEE DRAWING UDE00582 FOR CUSTOMER CONNECTION TABLES.
SEE DRAWING UDE00583 FOR DRIVE PARAMETER SETTINGS.

REVISIONS				
REV.	DESCRIPTION	ECO #	DRAWN BY	DATE
00	INITIAL RELEASE	-	J. ZAGORSKI	11/19/23

YASKAWA

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DRAWN BY: J. ZAGORSKI	DATE: 11/19/23	TITLE: SCHEMATIC DIAGRAM GA800 CONFIGURED HEAVY DUTY - F2 ENCL TYPE 3R		
CHECKED: K. MALUSIC	DATE: 11/28/23			
TECH:	DATE:			
APPROVED: R. JENSEN	DATE: 12/11/23	SIZE: D	REVISION: 00	PAGE: 1 of 1
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