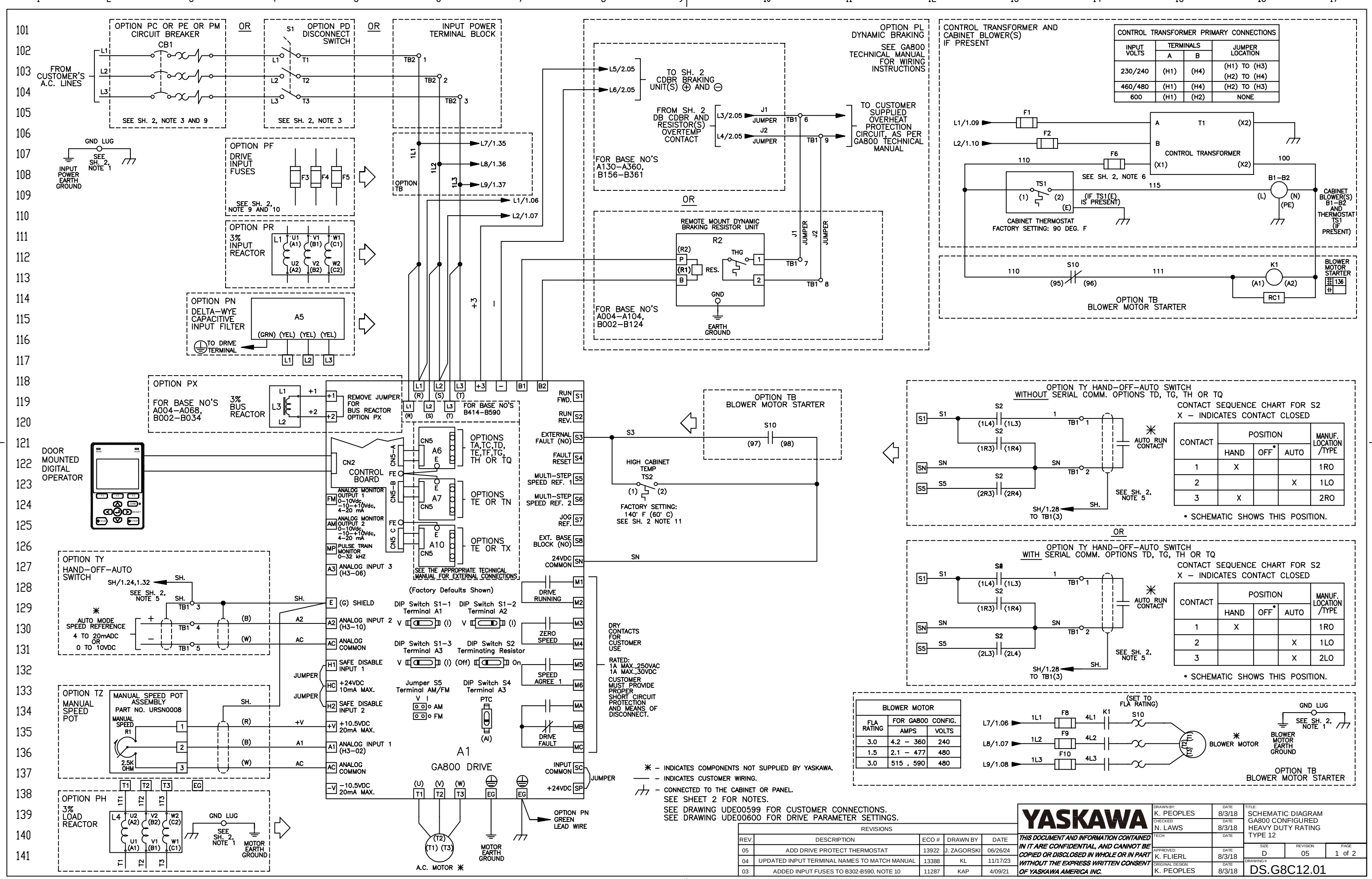
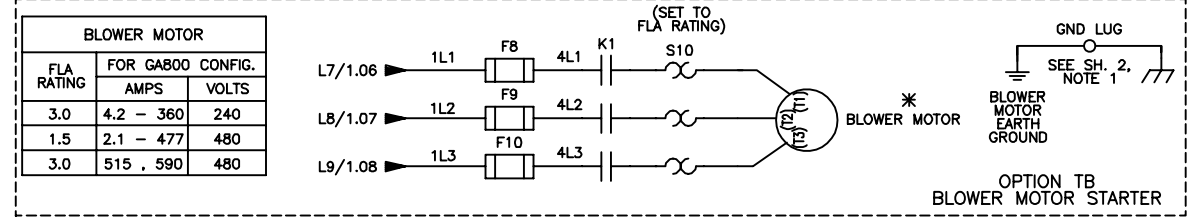
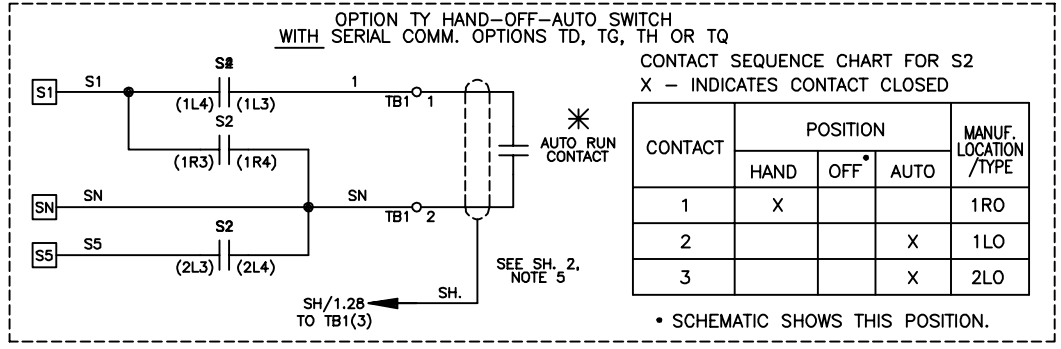
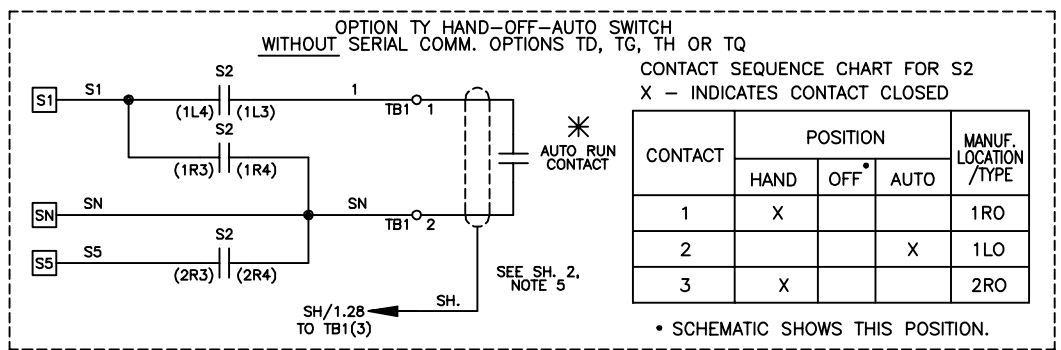
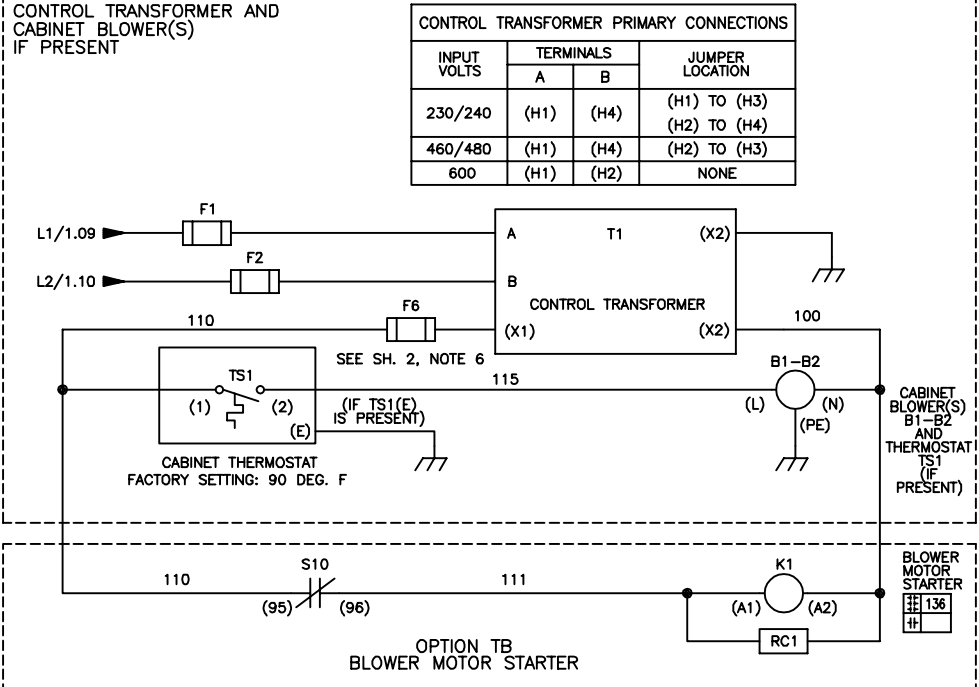




INPUT VOLTS	TERMINALS		JUMPER LOCATION
	A	B	
230/240	(H1)	(H4)	(H1) TO (H3) (H2) TO (H4)
460/480	(H1)	(H4)	(H2) TO (H3)
600	(H1)	(H2)	NONE

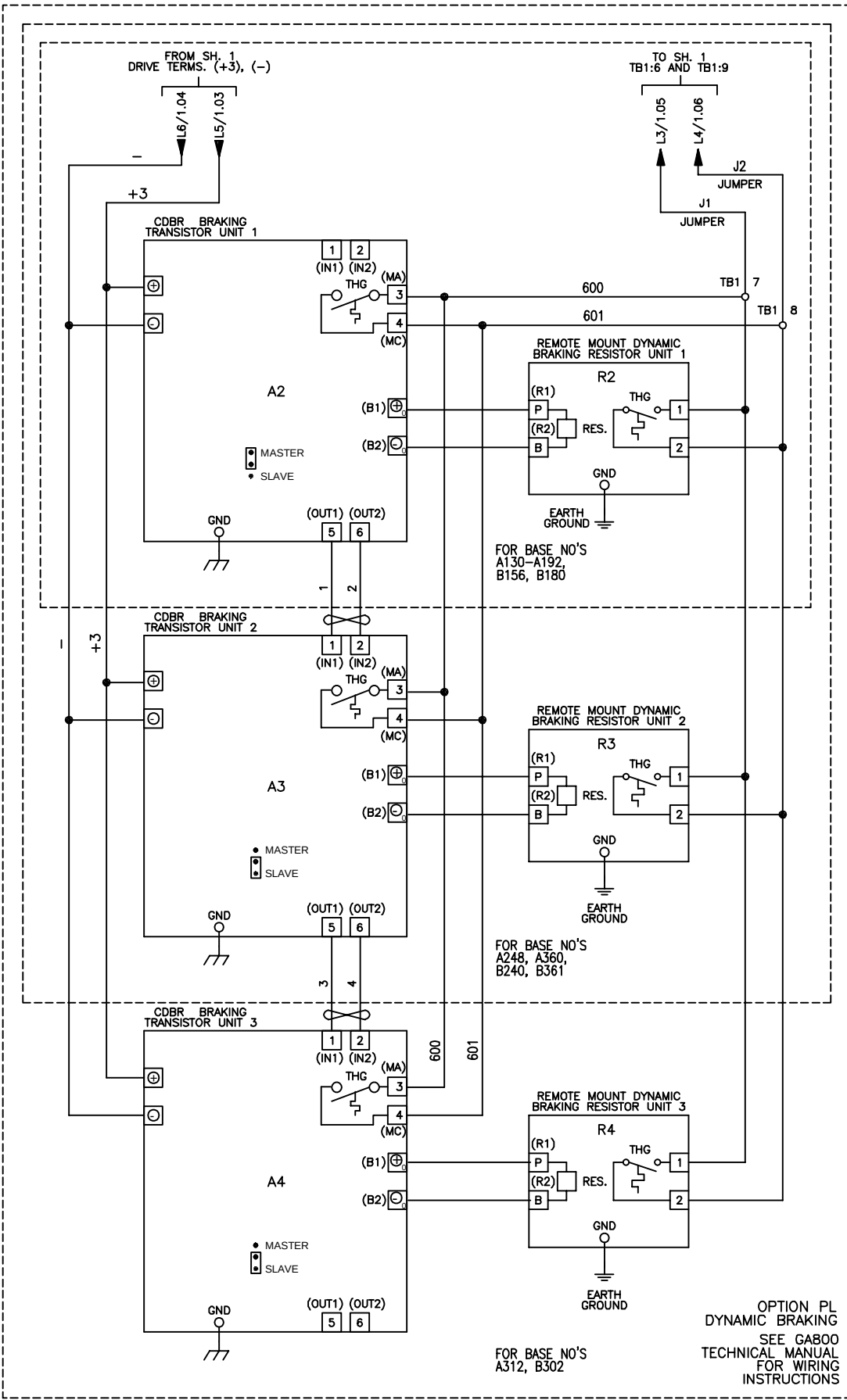


SEE DRAWING UDE00599 FOR CUSTOMER CONNECTIONS.
SEE DRAWING UDE00600 FOR DRIVE PARAMETER SETTINGS.

REVISIONS				THIS DOCUMENT AND INFORMATION CONTAINED HEREIN IS THE PROPERTY OF YASKAWA AMERICA, INC. IT IS TO BE KEPT CONFIDENTIAL AND NOT TO BE COPIED OR DISCLOSED IN WHOLE OR IN PART WITHOUT THE EXPRESS WRITTEN CONSENT OF YASKAWA AMERICA, INC.	DRAWN BY K. PEOPLES	DATE 8/3/18	CHECKED BY N. LAWS	DATE 8/3/18	TITLE SCHEMATIC DIAGRAM GA800 CONFIGURED HEAVY DUTY RATING TYPE 12
REV.	DESCRIPTION	ECO #	DRAWN BY	DATE					
05	ADD DRIVE PROTECT THERMOSTAT	13922	J. ZAGORSKI	06/26/24					
04	UPDATED INPUT TERMINAL NAMES TO MATCH MANUAL	13388	KL	11/17/23					
03	ADDED INPUT FUSES TO B302-B590, NOTE 10	11287	KAP	4/09/21					

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— INDICATES CUSTOMER WIRING.
— CONNECTED TO THE CABINET OR PANEL.

NOTES:

1. CONNECTED TO THE CABINET. CUSTOMER TO CONNECT THE CABINET GROUND LUG TO EARTH GROUND.
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 THE 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 THE SAME CONDUIT AS THE AC POWER AND AC CONTROL WIRES. KEEP ALL WIRING UNDER 50m IN LENGTH.
6. FOR A CONTROL TRANSFORMER T1 POWER RATING OF 350VA OR GREATER, SECONDARY FUSE F6 IS ADDED.
7. 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 DRIVE TERMINALS S8 AND SN, AS PER NOTE 5 ABOVE.
8. OPTIONS TC, TD, TG, TH OR TQ CONTROL (SEE UDE00600 FOR MORE INFORMATION):
OPTION TC = PROFINET
OPTION TD = ETHERNET/IP
OPTION TG = DEVICENET
OPTION TH = PROFIBUS
OPTION TQ = ETHERNET MODBUS TCP/IP
9. DRIVE INPUT FUSES F3, F4, F5 ARE INCLUDED WITH OPTION PE, PC, PM, OR PJ FOR BASE NUMBERS B052-B240.
10. DRIVE INPUT FUSES F3, F4, F5 ARE INCLUDED FOR BASE NUMBERS B302-B590.
11. HIGH CABINET TEMPERATURE THERMOSTAT. APPLICABLE TO BASE NUMBERS D211-D396, A192-A360, & B156-B590.

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	CHECKED: N. LAWS	DATE: 8/3/18			
	TECH:	DATE:	SIZE: D	REVISION: 05	PAGE: 2 of 2
	APPROVED: K. FLIERL	DATE: 8/3/18	DRAWING #: DS.G8C12.01		
	ORIGINAL DESIGN: K. PEOPLES	DATE: 8/3/18			