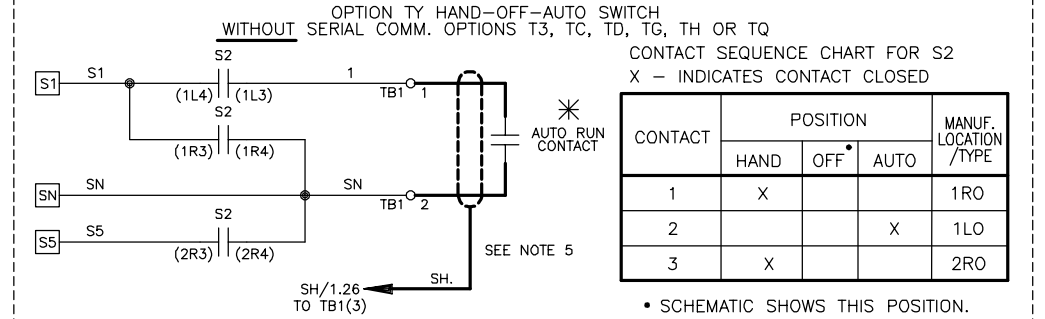


INPUT VOLTS	TERMINALS		JUMPER LOCATION
	A	B	
460/480	(H1)	(H4)	(H2) TO (H3)

NOTES:

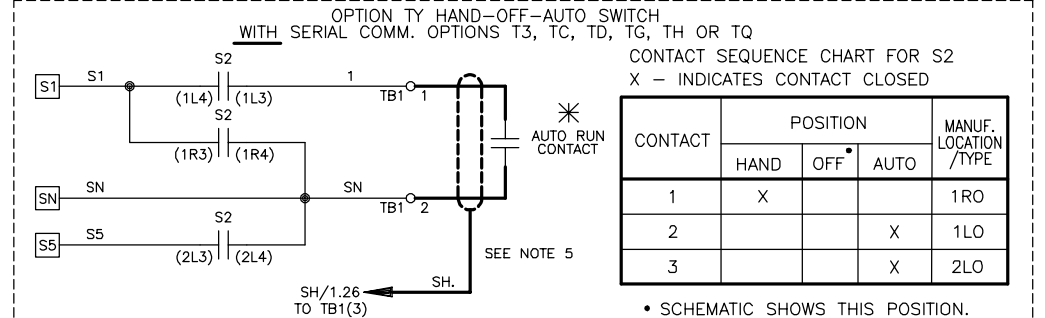
- CUSTOMER TO CONNECT FIELD GROUND TO THE CABINET GROUND LUG.
- CONDUIT FITTINGS/HUBS SHALL COMPLY WITH THE 'STANDARD FOR CONDUIT, TUBING, AND CABLE FITTINGS, UL 514B', OR CONDUIT FITTINGS HAVING THE SAME ENVIRONMENTAL RATING AS THE ENCLOSURE SHALL BE USED.
- WITHOUT THE DISCONNECT SWITCH OPTION PD, 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.
- 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.
- OPTIONS T3, TC, TD, TG, TH OR TQ CONTROL (SEE UDE00579 OR UDE00600 FOR MORE INFORMATION):
 OPTION T3 = MPE CARD
 OPTION TC = PROFINET
 OPTION TD = ETHERNET/IP
 OPTION TG = DEVICENET
 OPTION TH = PROFIBUS
 OPTION TQ = ETHERNET MODBUS TCP/IP
- HIGH CABINET TEMPERATURE DRIVE FAULT, THERMOSTAT WIRED TO S3. FACTORY SET TO 140 F (60 C).



CONTACT SEQUENCE CHART FOR S2
X - INDICATES CONTACT CLOSED

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

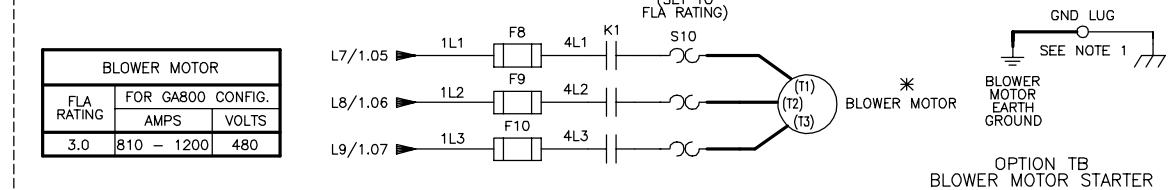
* SCHEMATIC SHOWS THIS POSITION.



CONTACT SEQUENCE CHART FOR S2
X - INDICATES CONTACT CLOSED

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

* SCHEMATIC SHOWS THIS POSITION.



- * - INDICATES COMPONENTS NOT SUPPLIED BY YASKAWA.
- - INDICATES CUSTOMER WIRING.
- ⏏ - CONNECTED TO THE CABINET OR PANEL.

DRAWINGS		
CUSTOMER CONNECTION	DRIVE PARAMETER SETTINGS	
TYPE 1	UDE00577	UDE00579
TYPE 12	UDE00598	UDE00600

REVISIONS				
REV.	DESCRIPTION	ECD #	DRAWN BY	DATE
00	INITIAL RELEASE	---	KAP	3/19/24

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DRAWN BY: K. PEOPLES	DATE: 3/19/24	TITLE: SCHEMATIC DIAGRAM G800 CONFIGURED NORMAL DUTY RATING TYPE 1 AND 12
CHECKED: K. MALUSIC	DATE: 3/20/24	
APPROVED: R. JENSEN	DATE: 3/21/24	
ORIGINAL DESIGN: K. PEOPLES	DATE: 3/19/24	

SIZE: D REVISION: 00 PAGE: 1 of 1
 DRAWING #: DS.G8C112.01