

- 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 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.
 - 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 DRIVE TERMINALS S8 AND SN, AS PER NOTE 5 ABOVE.
 - OPTIONS TD, TG, TH, TJ, TL, TQ OR TU CONTROL (SEE UDE00392 FOR MORE INFORMATION)
 - CUSTOMER TO REPLACE THE JUMPER WITH NORMALLY CLOSED SAFETY INTERLOCKS, IF APPLICABLE.

* - INDICATES COMPONENTS NOT SUPPLIED BY YASKAWA.
 - - INDICATES CUSTOMER WIRING.
 SEE DRAWING UDE00390 FOR CUSTOMER CONNECTION TABLES.
 SEE DRAWING UDE00392 FOR DRIVE PARAMETER SETTINGS.

REVISIONS				DATE	DATE	DATE
REV.	DESCRIPTION	ECO #	DRAWN BY	DATE	DATE	DATE
08	ADD OPTION P9 SURGE SUPPRESSOR	8264	RCR	01/08/18	11/16/12	11/16/12
07	DELETED WIRE NOS L1 AND L2 TO F1 AND F2	7812	NSL	04/07/17	11/16/12	11/16/12
06	ADD K5 TO HOA W/T6 & SERIAL COMMS	7217	MDK	06/29/16	11/16/12	11/16/12

YASKAWA

DRAWN BY: D.R. CMELAK
 CHECKED BY: D. PACKER
 APPROVED BY: K. FLIERL
 ORIGINAL DESIGN: D.R. CMELAK

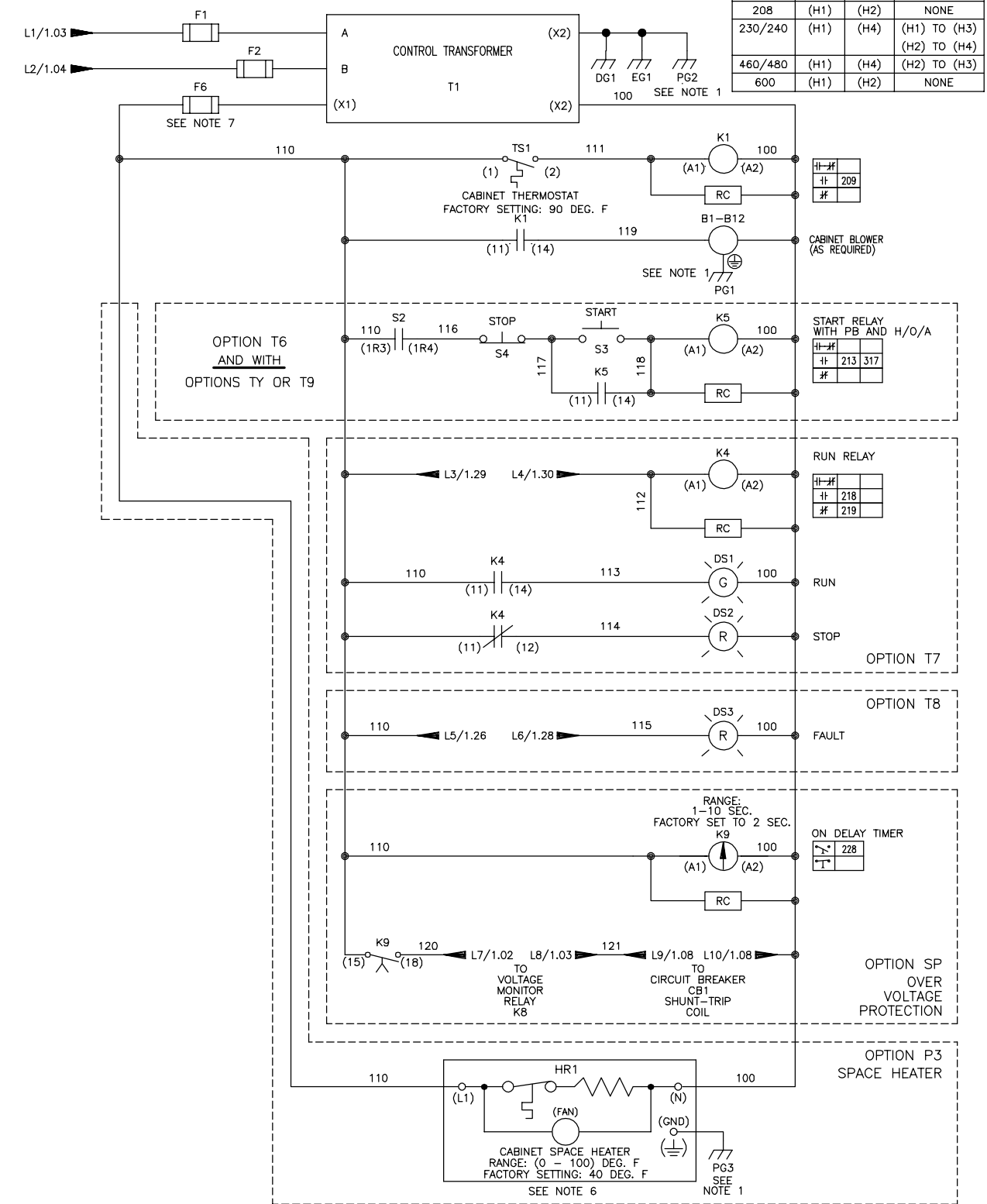
DATE: 11/16/12
 DATE: 11/16/12
 DATE: 11/16/12

TITLE: SCHEMATIC DIAGRAM IQPUMP1000 CONFIGURED TYPE 3R

SIZE: D
 REVISION: 08
 PAGE: 1 of 3

DRAWING #: DS.Q1C3R.02

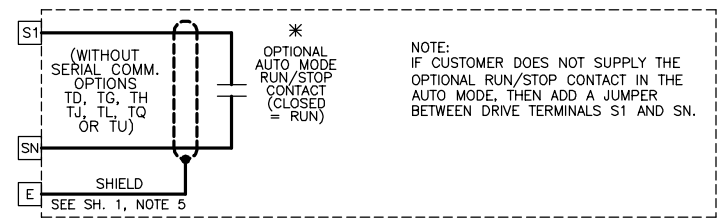
INPUT VOLTS	TERMINALS		JUMPER LOCATION
	A	B	
208	(H1)	(H2)	NONE
230/240	(H1)	(H4)	(H1) TO (H3) (H2) TO (H4)
460/480	(H1)	(H4)	(H2) TO (H3)
600	(H1)	(H2)	NONE



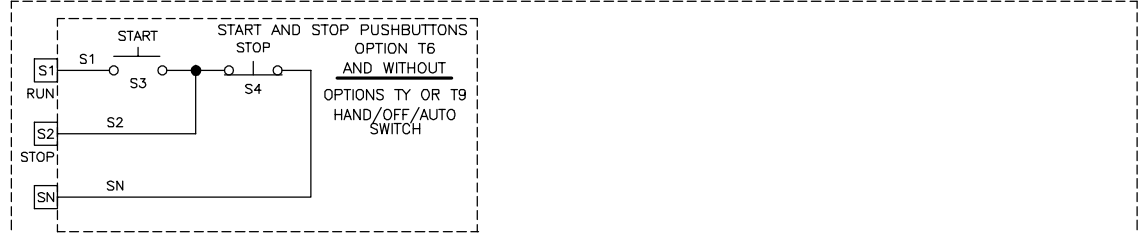
SEE SHEET 1 FOR NOTES.

YASKAWA	DRAWN BY: D.R. CMELAK	DATE: 11/16/12	TITLE: SCHEMATIC DIAGRAM IQPUMP1000 CONFIGURED TYPE 3R
	CHECKED BY: D. PACKER	DATE: 11/16/12	SIZE: D
APPROVED BY: K. FLIERL		DATE: 11/16/12	REVISION: 08
ORIGINAL DESIGN: D.R. CMELAK		DATE: 11/16/12	PAGE: 2 of 3
DRAWING #: DS.Q1C3R.02			

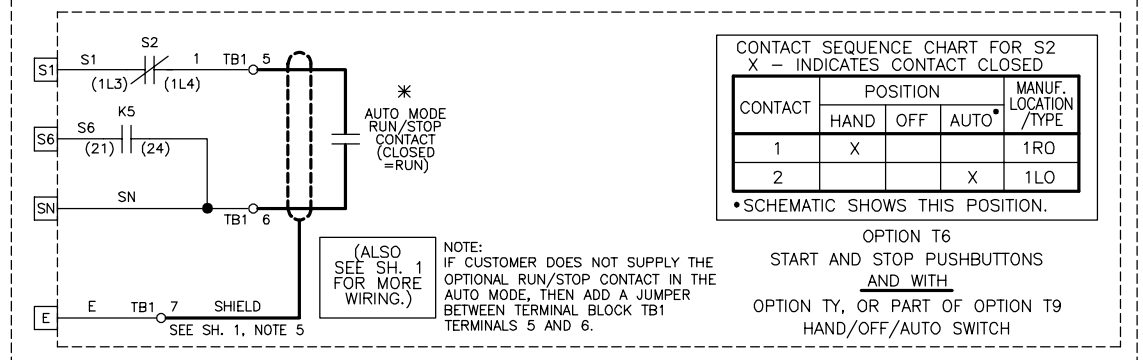
RUN/STOP CONTROL (FROM SHEET 1)



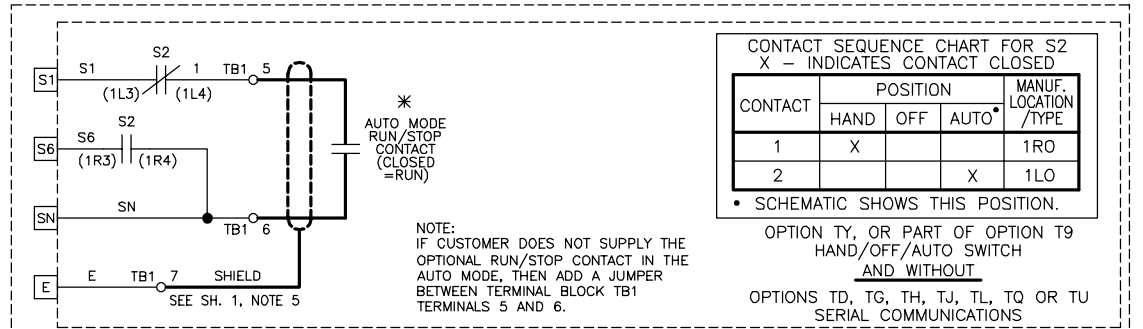
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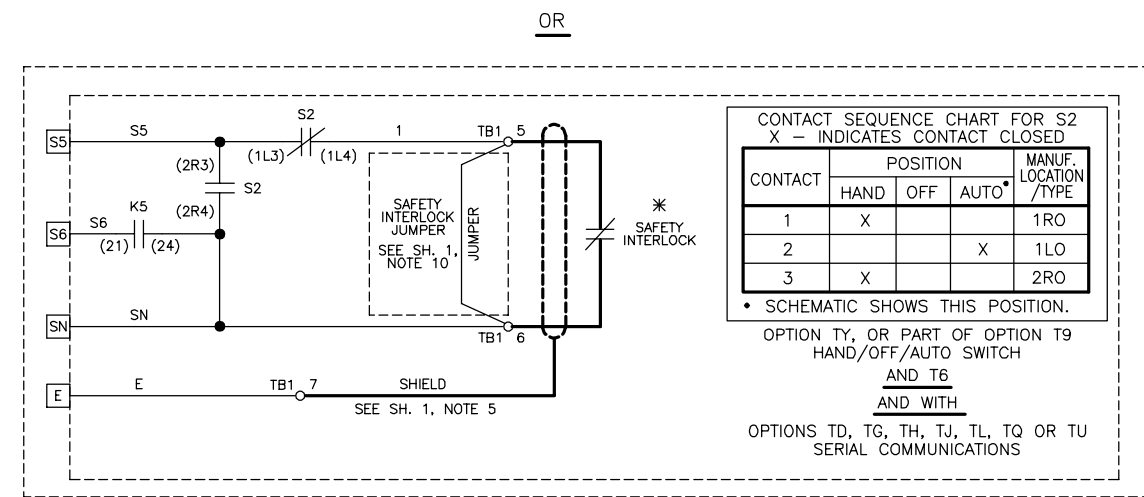
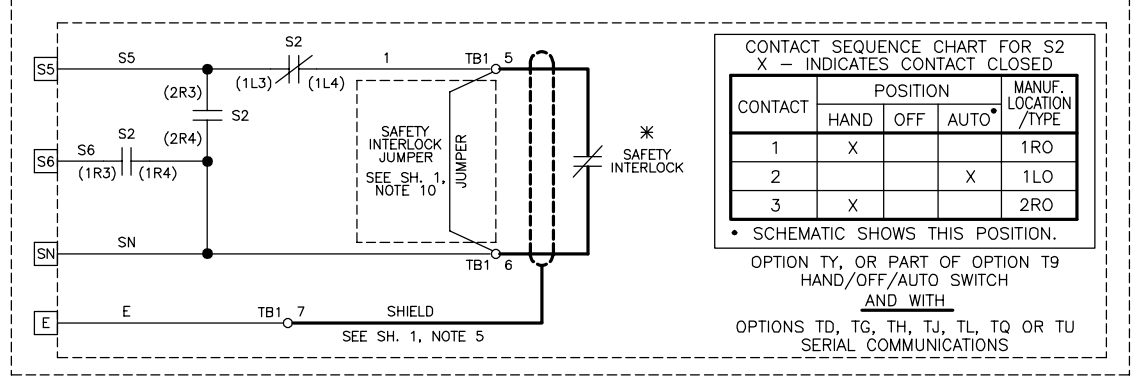
OR



OR



OR



SEE SHEET 1 FOR NOTES.

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