

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

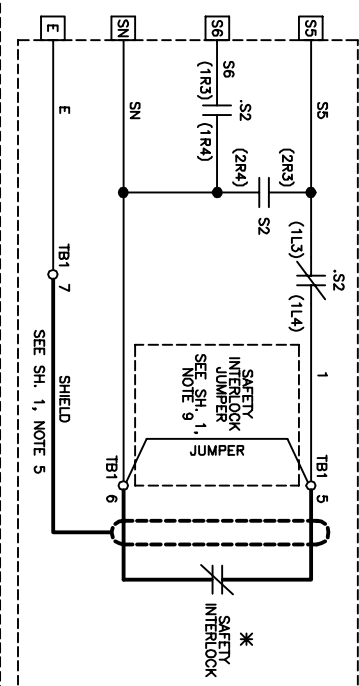
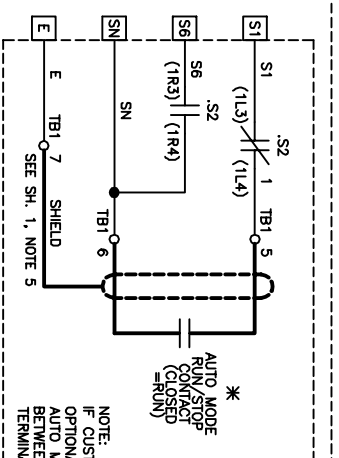
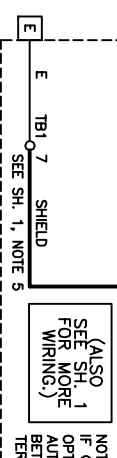
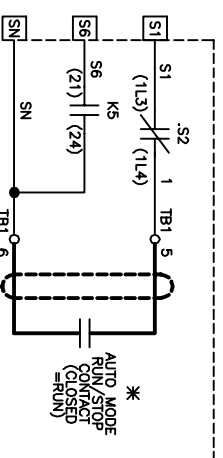
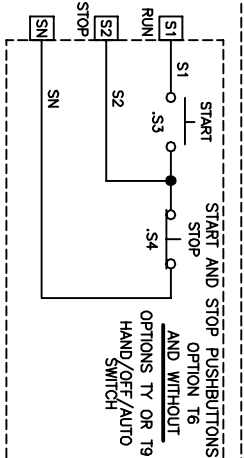
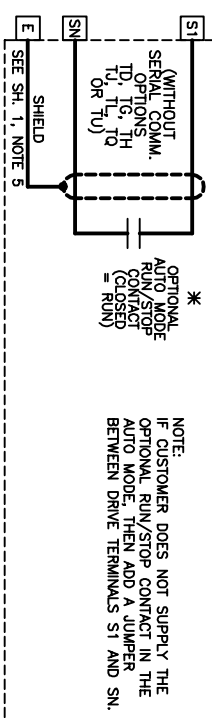
- NOTES:**
- CONNECTED TO THE CABINET. CUSTOMER TO CONNECT THE CABINET GROUND LUGS TO EARTH GROUND AND UTILITY GROUND.
  - CONDUIT FITTINGS/HUBS SHALL COMPLY WITH THE STANDARD FOR CONDUIT, TUBING, AND CABLE FITTINGS, UL 514B.
  - OR CONDUIT FITTINGS HAVING THE SAME ENVIRONMENTAL RATING AS THE ENCLOSURE 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 POWER AND AC CONTROL WIRES. KEEP ALL WIRING UNDER 50m IN LENGTH.
  - 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, TI, TJ, TK, TL, TO OR TV CONTROL. (SEE UDE000392 FOR MORE INFORMATION)
  - CUSTOMER TO REPLACE THE JUMPER WITH NORMALLY CLOSED SAFETY INTERLOCKS, IF APPLICABLE.

\* - INDICATES CUSTOMER WIRING.  
SEE DRAWING UDE000392 FOR DRIVE PARAMETER SETTINGS.

REVISIONS			
REV.	DESCRIPTION	ECO #	DATE
02	ADD MISSING REF NUMBERS 201-241 ON PAGE 2	6330	6/12/15
01	CHANGE HOA TO A3 INPUT	5186	4/8/14
00	INITIAL RELEASE	NSL	12/23/13

DESIGNED BY:	N. LAWS	DATE:	12/23/13
CHECKED BY:	P. STOCKUS	DATE:	12/23/13
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DATE:	12/23/13	DATE:	12/23/13
SIZE:	D	REVISION:	02
TITLE:	SCHEMATIC DIAGRAM	PAGE:	1 of 2
TYPE:	12	DRAWING #:	DS-Q1C12.02

201 RUN/STOP CONTROL (FROM SHEET 1)



CONTACT SEQUENCE CHART FOR S2  
X - INDICATES CONTACT CLOSED

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

\* SCHEMATIC SHOWS THIS POSITION.

OPTION T6  
START AND STOP PUSHBUTTONS  
AND WITH  
OPTION T9, OR PART OF OPTION T9  
HAND/OFF/AUTO SWITCH

CONTACT SEQUENCE CHART FOR S2  
X - INDICATES CONTACT CLOSED

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

\* SCHEMATIC SHOWS THIS POSITION.

OPTION T9, OR PART OF OPTION T9  
HAND/OFF/AUTO SWITCH  
AND WITHOUT  
OPTION T6, TH, TL, TU, OR TU  
SERIAL COMMUNICATIONS

CONTACT SEQUENCE CHART FOR S2  
X - INDICATES CONTACT CLOSED

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

\* SCHEMATIC SHOWS THIS POSITION.  
OPTION T9, OR PART OF OPTION T9  
HAND/OFF/AUTO SWITCH  
AND WITH  
OPTION T6, TH, TL, TU, OR TU  
SERIAL COMMUNICATIONS

SEE SHEET 1 FOR NOTES.

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DESIGNED BY	N. LAWS	DATE	12/23/13
CHECKED BY	P. STOCKUS	DATE	12/23/13
APPROVED BY	K. FLIERL	DATE	12/23/13
ORIGINAL DESIGNER	K. FLIERL	DATE	12/23/13

TITLE: SCHEMATIC DIAGRAM  
IOPUM1000 CONFIGURED  
HIGH HORSEPOWER  
TYPE: 12  
SIZE: D  
REVISION: 02  
PAGE: 2 of 2

DS-Q1C12.02