



Delta Process Equipment, Inc.

SIMPLEX
CONTROL PANEL

VOLTAGE	<u>120/240V</u>	(480V, 277/480V, 240V, 120/240V, 208V, 120/208V)
PHASE/HZ	<u>1/60</u>	
NO. MOTORS	<u>1</u>	
HP	<u>3</u>	
FLA	<u>23</u>	
TYPE OF PUMP	<u>Submersible</u>	(Self-Priming, Submersible)
MANUFACTURER	<u>Barnes</u>	
CATALOG NUMBER	<u>SGV3022L</u>	
CONTROL VOLTAGE	<u>120V</u>	(120V, Other)
ENCLOSURE	<u>NEMA 4X</u>	(NEMA 1, NEMA 3R, NEMA 4, NEMA 4X)
ENCLOSURE MATERIAL	<u>Fiberglass</u>	(Painted Steel, Stainless Steel, Fiberglass)
CONTROL SENSOR	<u>Floats</u>	(Floats, Bubbler, Other)
CAPACITORS	<u>Yes</u>	(Yes, No)
CAPACITOR WIRING FIGURE	<u>N/A</u>	
THERM. & SEAL FAIL WIRING FIGURE	<u> </u>	

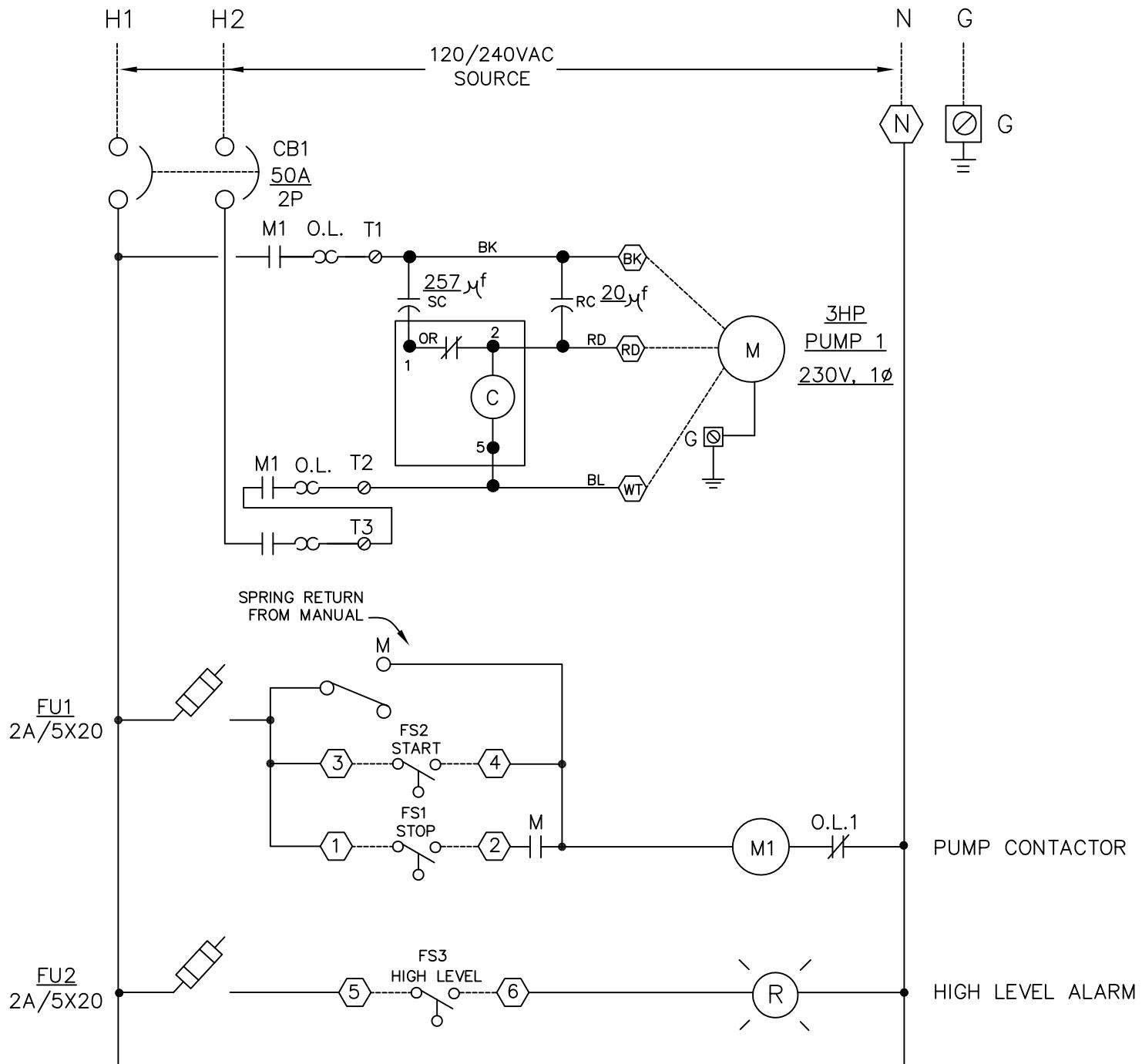
OPTIONS:

SEAL FAIL LIGHTS	<u> </u>	(Submersible Only)
SEAL FAIL RELAYS	<u> </u>	(Submersible Only)
SEAL FAIL PUMP SHUTDOWN	<u> </u>	(Submersible Only)
HT PUMP SHUTDOWN	<u>INTERNAL</u>	(Self-Primer, Submersible)
ALARM HORN	<u> </u>	
ALARM LIGHT	<u>X</u>	
LIGHT PANEL MTD	<u>X</u>	
LIGHT REMOTE MTD	<u> </u>	
LIGHT FLASHER	<u> </u>	
LIGHTNING ARRESTER	<u> </u>	
ELAPSED TIME METER	<u> </u>	
PHASE MONITOR	<u> </u>	
NEMA RATED STARTERS	<u> </u>	
GROUND FAULT RECT.	<u> </u>	
GREEN RUN LIGHTS VS. RED	<u> </u>	
POLE, BOX, SEAL	<u> </u>	
INTRINSICALLY SAFE RELAYS	<u> </u>	
HIGH TEMP. LOCKOUT, MANUAL RESET	<u> </u>	
ECONOMY VERSION	<u> </u>	

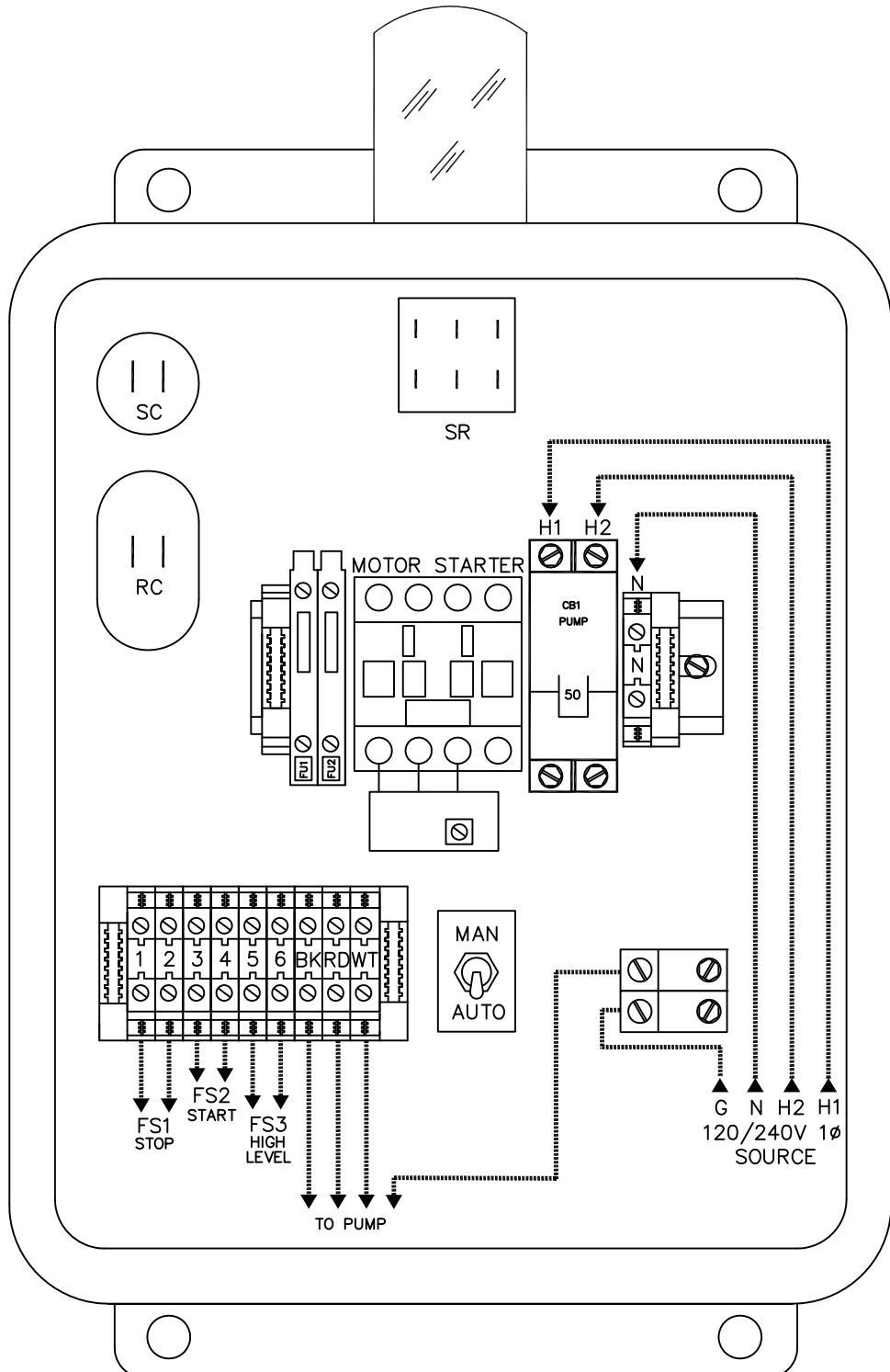
SOLD TO: Delta Process , Mobile, AL
TAG :

SHIP TO: Delta Process
Mobile, AL

	Drawing Title PANEL DESCRIPTION					
DATE 2/21/05	REFERENCE DRAWING S/N	NO. Sales Engineer C.C.	REVISION-LOCATION DRAWN BY C. RACHAL	ECN	DATE	BY
	Project Title SIMPLEX CONTROL PANEL	D Delta Process Equipment, Inc.			PURCHASE ORDER NUMBER	
					DRAWING NUMBER CP-1998	
					SHEET NUMBER 1	



	Drawing Title POWER DIAGRAM						
3/23/04 2/21/05		REFERENCE DRAWING S/N	NO. Sales Engineer C.C.	REVISION-LOCATION Application Engineer R.C.	DRAWN BY C. RACHAL	ECN	DATE APPROVED BY DATE
	Project Title SIMPLEX CONTROL PANEL	D	Delta Process Equipment, Inc.	PURCHASE ORDER NUMBER			
				DRAWING NUMBER CP-1998			
				SHEET NUMBER 2			



FS1 – STOP FLOAT SWITCH
 FS2 – START FLOAT SWITCH
 FS3 – HIGH LEVEL FLOAT SWITCH

	Drawing Title					
	EXTERNAL CONNECTIONS					
3/23/04 2/21/05	REFERENCE DRAWING S/N	NO. Sales Engineer C.C.	REVISION-LOCATION Application Engineer R.C. BY C. RACHAL	ECN DRAWN BY	DATE APPROVED BY	BY DATE
	Project Title				PURCHASE ORDER NUMBER	
	SIMPLEX CONTROL PANEL	D	Delta Process Equipment, Inc.		DRAWING NUMBER CP-1998	
					SHEET NUMBER	3

BILL OF MATERIALS

ITEM	QTY	MANUFACTURER	PART NO.	DESCRIPTION
1	1	VYNCKIER	VJ1210HWPL	ENCLOSURE
1a	1	VYNCKIER	MP1210A	BACKPLATE
2	1	ABB	A26-30-10-84	CONTACTOR
3	1	SQUARE D	QOU250	CB1
4	1	INGRAM	MX-15	ALARM LIGHT
5	1	EZ SWITCH	STOCK	TOGGLE SWITCH
6	1	GE	6X553	START RELAY
7	1	MALORY	4CU57	START CAPACITOR (233-280μf)
8	1	GE	6X660	RUN CAPACITOR (20μf)
9	1	ABB	TA25DU25	O.L. (18-25A)
10				

	Drawing Title						
	BILL OF MATERIALS						
			REFERENCE DRAWING	NO.	REVISION-LOCATION	ECN	DATE BY
DATE 2/21/05	S/N	Sales Engineer	Application Engineer	DRAWN	BY C. RACHAL	APPROVED	BY DATE
	C.C.		R.C.				
	Project Title		D Delta Process Equipment, Inc.				PURCHASE ORDER NUMBER
	SIMPLEX CONTROL PANEL						DRAWING NUMBER CP-1998
							SHEET NUMBER 4