



Delta Process Equipment, Inc.

SGVF(H)2022L  
CONTROL PANEL

VOLTAGE	120/240V	(480V, 277/480V, 240V, 120/240V, 208V, 120/208V)
PHASE/HZ	1/60	
NO. MOTORS	1	
HP	2	
FLA	15	
TYPE OF PUMP	Submersible	(Self-Priming, Submersible)
MANUFACTURER	Barnes	
CATALOG NUMBER	SGVF(H)2022L	
CONTROL VOLTAGE	120V	(120V, Other)
ENCLOSURE	NEMA 4X	(NEMA 1, NEMA 3R, NEMA 4, NEMA 4X)
ENCLOSURE MATERIAL	Fiberglass	(Painted Steel, Stainless Steel, Fiberglass)
CONTROL SENSOR	Floats	(Floats, Bubbler, Other)
CAPACITORS	Yes	(Yes, No)
CAPACITOR WIRING FIGURE	N/A	
THERM. & SEAL FAIL WIRING FIGURE		

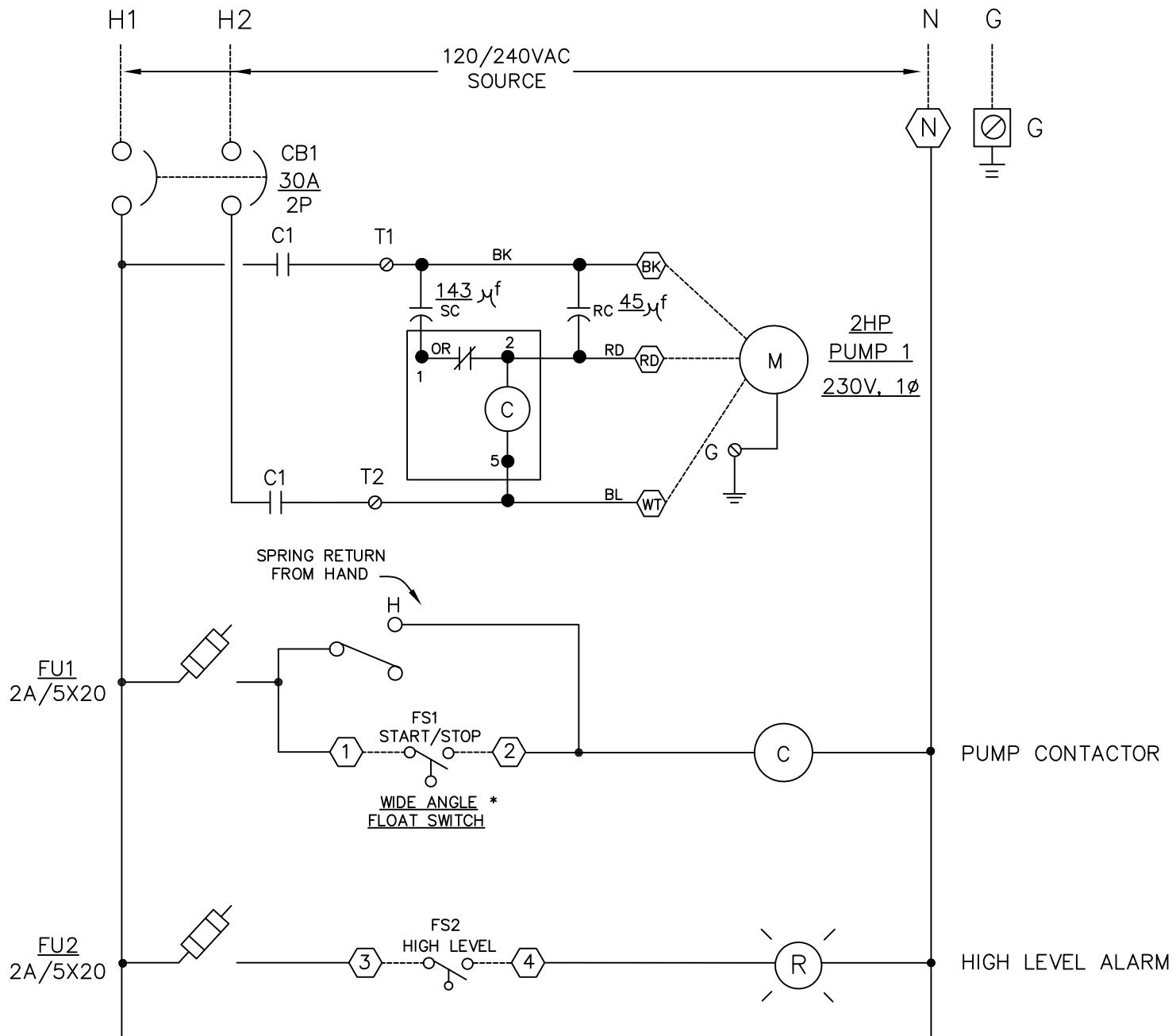
OPTIONS:

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

SOLD TO: Delta Process  
TAG : \_\_\_\_\_  
\_\_\_\_\_

SHIP TO: Delta Process  
\_\_\_\_\_  
\_\_\_\_\_

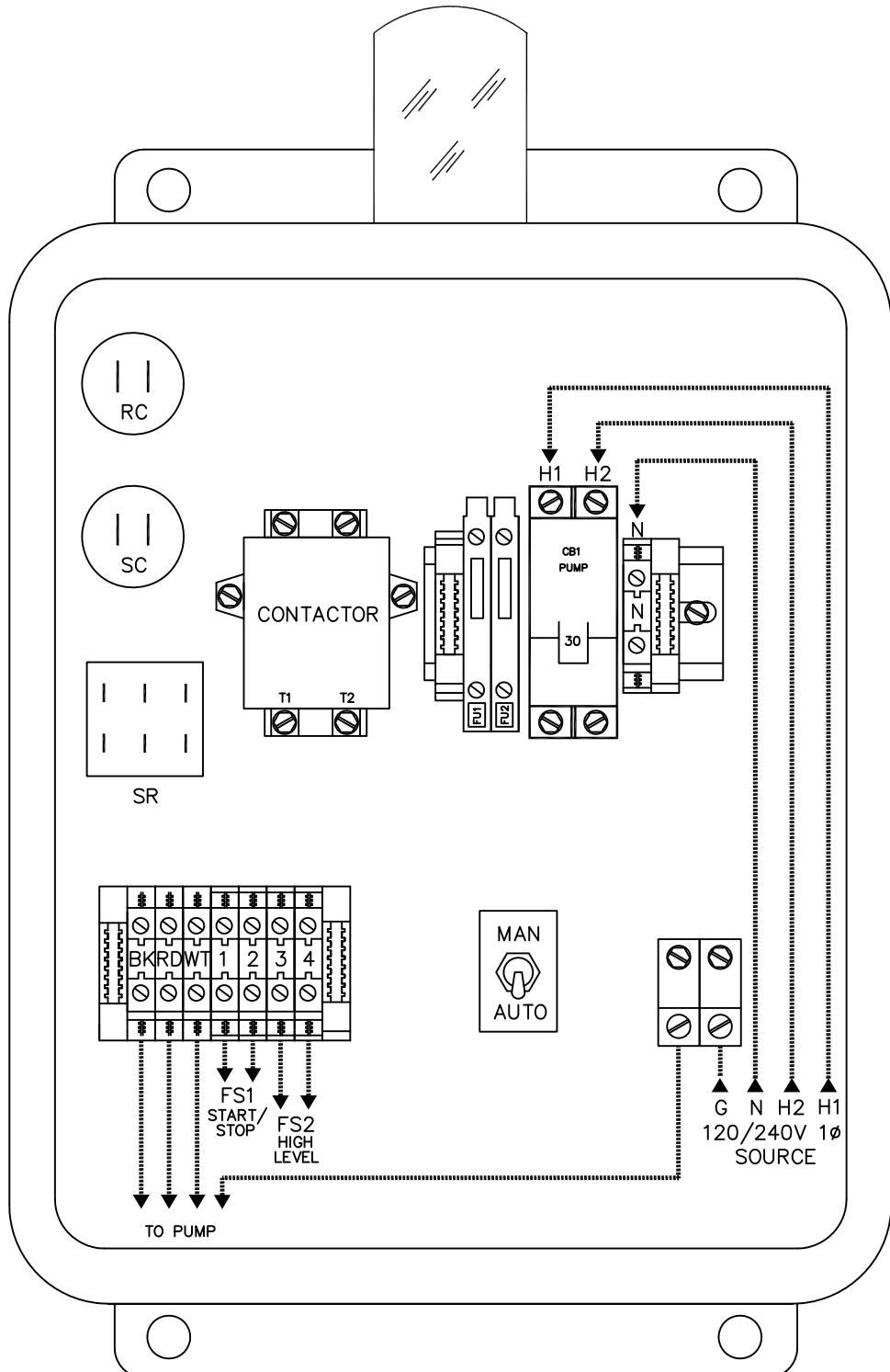
	Drawing Title  <b>PANEL DESCRIPTION</b>					
DATE 5/24/04	REFERENCE DRAWING		NO.	REVISION-LOCATION	ECN	DATE BY
	S/N	Sales Engineer	Application Engineer	DRAWN R.C. BY C. RACHAL	APPROVED BY	DATE
	Project Title  SGVF(H)2022L CONTROL PANEL		Delta Process Equipment, Inc.			PURCHASE ORDER NUMBER
						DRAWING NUMBER CP-1798
						SHEET NUMBER 1



PUMP INTERNAL THERMAL OVERLOAD IS REQUIRED

\* FS1 MUST BE A WIDE ANGLE FLOAT SWITCH

	Drawing Title  POWER DIAGRAM						
3/23/04 5/24/04		REFERENCE DRAWING	NO.	REVISION-LOCATION	ECN	DATE	BY
	S/N	Sales Engineer C.C.	Application Engineer R.C.	DRAWN BY C. RACHAL		APPROVED BY	DATE
	Project Title  SGVF(H)2022L CONTROL PANEL				PURCHASE ORDER NUMBER		
		D	Delta Process Equipment, Inc.		DRAWING NUMBER CP-1798		
					SHEET NUMBER 2		



FS1 – ON-OFF WIDE ANGLE FLOAT SWITCH  
 FS2 – HIGH LEVEL FLOAT SWITCH

	Drawing Title					
	EXTERNAL CONECTIONS					
3/23/04 5/24/04	REFERENCE DRAWING S/N	NO. Sales Engineer C.C.	REVISION-LOCATION Application Engineer R.C.	ECN DRAWN BY C. RACHAL	DATE APPROVED BY DATE	BY
	Project Title				PURCHASE ORDER NUMBER	
	OGVF2022 CONTROL PANEL		Delta Process Equipment, Inc.		DRAWING NUMBER CP-1798	
					SHEET NUMBER	3

## BILL OF MATERIALS

ITEM	QTY	MANUFACTURER	PART NO.	DESCRIPTION
1	1	VYNCKIER	VJ1210HWPL	ENCLOSURE
1a	1	VYNCKIER	MP1210A	BACKPLATE
2	1	CERUS	CMC-30P	CONTACTOR
3	1	SQUARE D	QOU230	CB1
4	2	WIELAND	57.904.5355.0	FUSE HOLDER
5	1	INGRAM	MX-15	ALARM LIGHT
6	8	WEIDMULLER	WDU	TERMINAL BLOCKS
7	1	EZ SWITCH	STOCK	TOGGLE SWITCH
8	1	GE	6X559	START RELAY
9	1	MALORY	4X658	START CAPACITOR (145-174 $\mu$ f)
10	1	GE	6X660	RUN CAPACITOR (20 $\mu$ f)

	Drawing Title						
	<b>BILL OF MATERIALS</b>						
DATE 5/2404	REFERENCE DRAWING		NO.	REVISION-LOCATION		ECN	DATE BY
	S/N	Sales Engineer	Application Engineer	DRAWN		APPROVED	
		C.C.	R.C.	BY C. RACHAL		BY	DATE
	Project Title		D Delta Process Equipment, Inc.				PURCHASE ORDER NUMBER
	SGVF(H)2022L CONTROL PANEL						DRAWING NUMBER CP-1798
							SHEET NUMBER 4