



SIMPLEX PUMP
CONTROL PANEL

AS BUILTS
AUGUST 6, 2019

Delta Process Equipment
8275 Florida Blvd.
Denham Springs, LA 70726
(225) 665-1666 Fax (225) 665-1855

CP-1965R1

SOLD TO: Delta Process

TAG: Simplex Pump Control Panel

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SHIP TO: Delta Process

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SPECIAL NOTES:

Panel Type	Simplex
Voltage	120/240
Phase/HZ	1/60
No. Motors	1
HP	2
FLA	15
Pump Manufacturer	Barnes
Type of Pump	Submersible
Catalog Number	SGVF(H)2022L
Capacitors	Yes
Control Voltage	120
Control Power Transformer VA=	No
Enclosure NEMA Rating	4X
Enclosure Material	Fiberglass
Enclosure Size	12x10
Inner Swing Panel	No
Conrol Sensor	Floats
UL508A Labeling	No
UL698A Labeling	No

Alarm Light - Panel Door Mount

Alarm Light - Panel Top Mount

Alarm Light - Remote

Alarm Test Switch

Alarm Silence Switch

Alarm Acknowledge Switch

Alternator with Lead Pump Selector Switch

Audible Alarm - Bell

Audible Alarm - Horn

Audible Alarm - Piezo

COX™ CAMO™ System

Cycle Counters

Economy Version

Elapsed Time Meter

Flasher

Green Run Lights vs. Red

Ground Fault Receptacle

High Temp Lights

High Temp Pump Shutdown - Auto Reset

High Temp Pump Shutdown - Manual Reset

Intrinsically Safe Relays Pts.

Lightning Arrestor

Main Disconnect with Door Mt. Handle

Opti-Float® Level Dector Pts.

Panel Heater / Thermostat W=

Phase Monitor

Pole, Box, Seal

Seal Fail Lights

Seal Fail Relay - Fixed

Seal Fail Relay - Adjustable

Seal Fail Shutdown

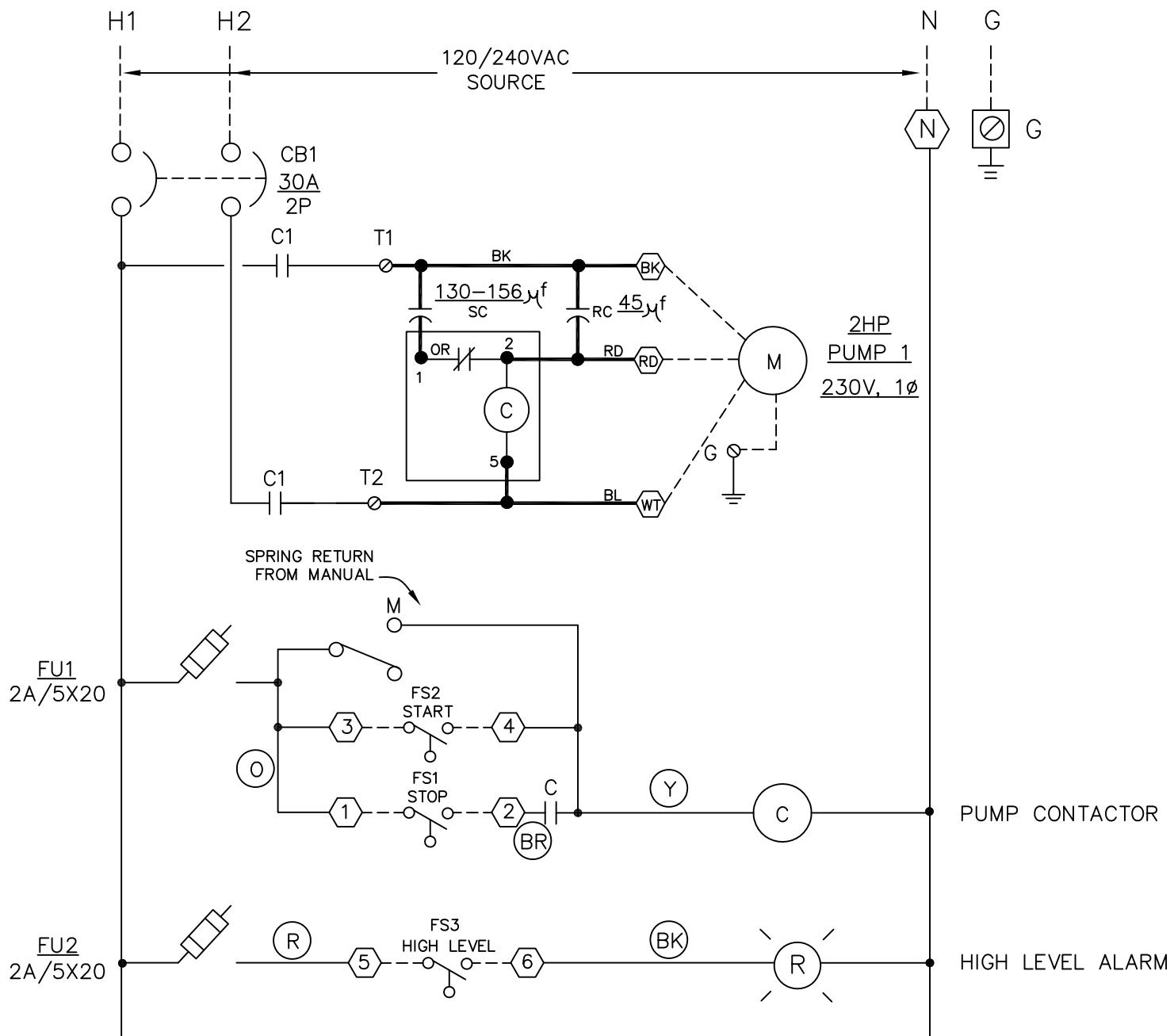
Starters - IEC

Starters - NEMA

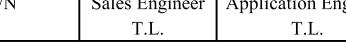
Unpowered Alarm Circuits #

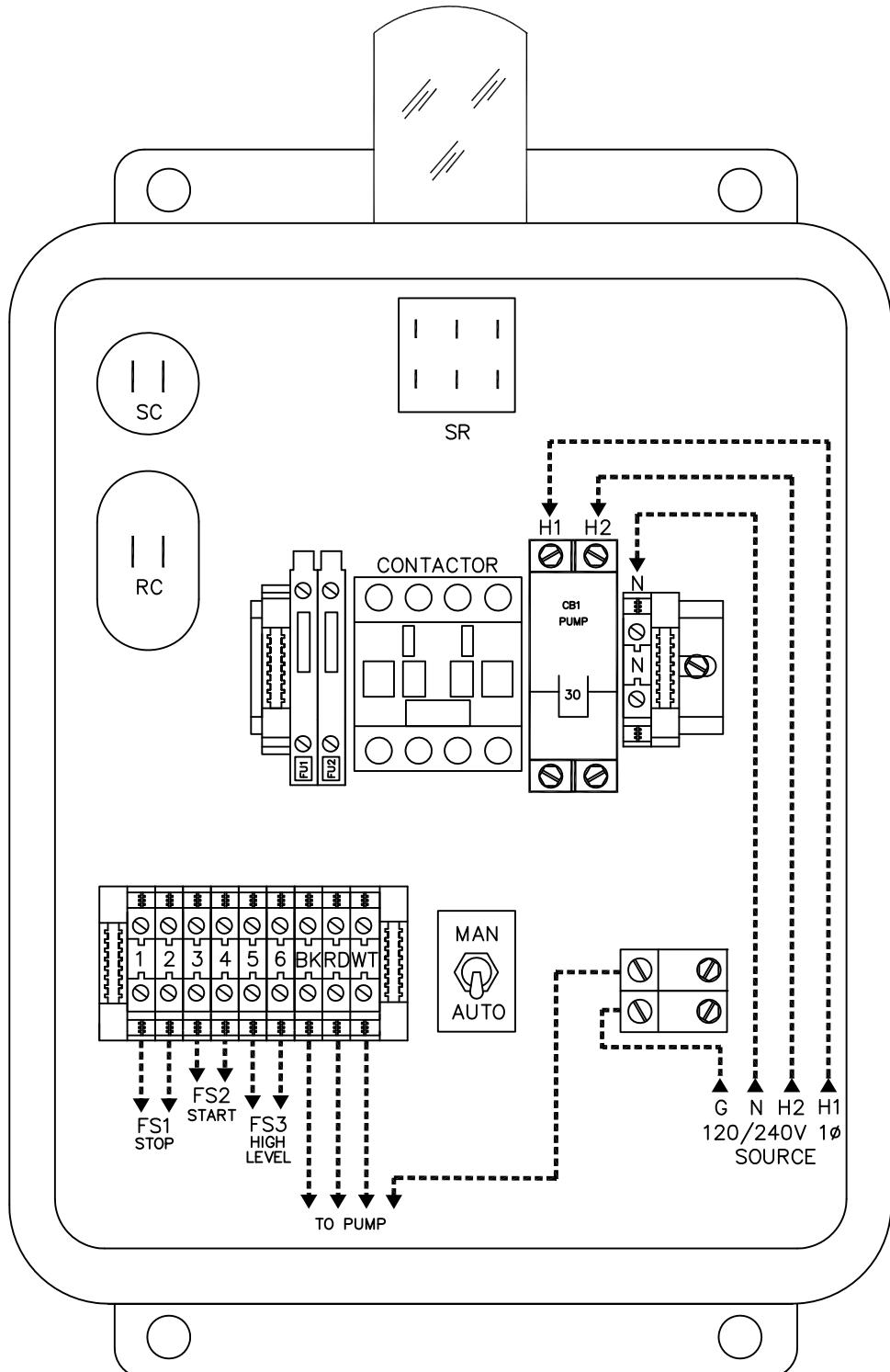
OTHER:

	Drawing Title PANEL DESCRIPTION							
			-	-	-	-	-	-
DATE: 08/06/19	REFERENCE DRAWING		NO.	REVISION - LOCATION		ECN	DATE	BY
	S/N	Sales Engineer	Application Engineer	DRAWN	APPROVED			
		T.L.	T.L.	BY: BMF	BY:	DATE:		
	Project Title SIMPLEX PUMP CONTROL PANEL				8275 Florida Blvd. Denham Springs, LA 70726		PURCHASE ORDER NUMBER	
					Ph. (225) 665-1666 Fax (225) 665-1855		DRAWING NUMBER CP-1965R1	
							SHEET NUMBER 1	



PUMP INTERNAL THERMAL OVERLOAD IS REQUIRED

	Drawing Title SCHEMATIC DIAGRAM					
DATE: 08/06/19		REFERENCE DRAWING	NO.	REVISION - LOCATION	ECN	DATE
	S/N	Sales Engineer T.L.	Application Engineer T.L.	DRAWN	APPROVED	
				BY: BMF	BY:	DATE:
	Project Title SIMPLEX PUMP CONTROL PANEL		8275 Florida Blvd. Denham Springs, LA 70726	PURCHASE ORDER NUMBER		
		Ph. (225) 665-1666 Fax (225) 665-1855	DRAWING NUMBER CP-1965R1			
			SHEET NUMBER 2			



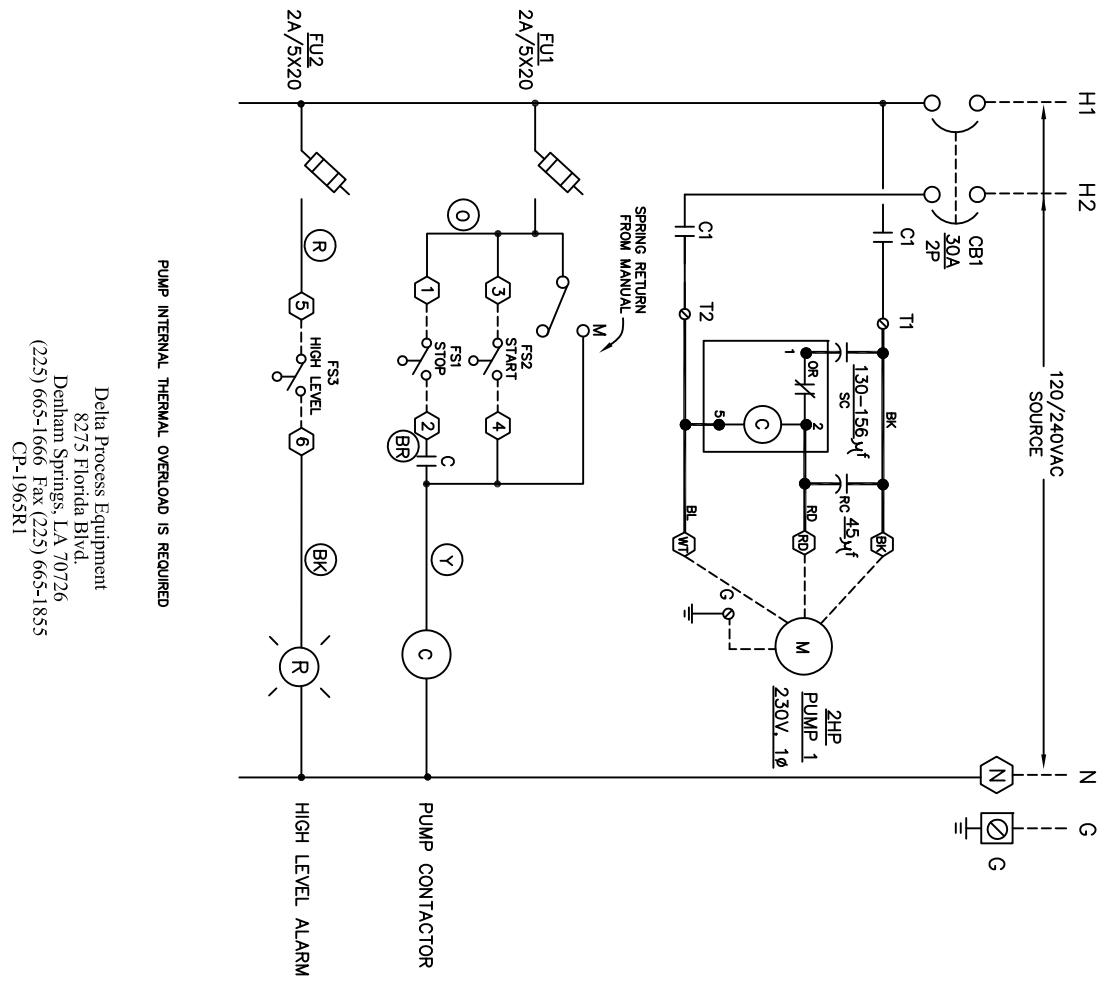
FS1 – STOP FLOAT SWITCH
 FS2 – START FLOAT SWITCH
 FS3 – HIGH LEVEL FLOAT SWITCH

	Drawing Title						
	EXTERNAL CONNECTIONS						
		-	-	-	-	-	-
	REFERENCE DRAWING	NO.	REVISION - LOCATION	ECN	DATE	BY	
DATE: 08/06/19	S/N	Sales Engineer	Application Engineer	DRAWN	APPROVED		
		T.L.	T.L.	BY: BMF	BY:	DATE:	
	Project Title	DELTA PROCESS EQUIPMENT			PURCHASE ORDER NUMBER		
	SIMPLEX PUMP CONTROL PANEL	8275 Florida Blvd. Denham Springs, LA 70726 Ph. (225) 665-1666 Fax (225) 665-1855			DRAWING NUMBER CP-1965R1		
					SHEET NUMBER 3		

BILL OF MATERIALS

ITEM	QTY	MANUFACTURER	PART NO.	DESCRIPTION
1	1	STAHLIN	RJ1210HPL	ENCLOSURE
1a	1	STAHLIN	BP1210AL	BACKPLATE
2	1	ABB	A16-30-10-84	CONTACTOR
3	1	SQUARE D	QOU230	CB1
4	1	CDS	R15MB	ALARM LIGHT
5	1	EZ SWITCH	01-76520-5D	TOGGLE SWITCH
6	1	MARS 68	19007	START RELAY
7	1	DAYTON	2MET3	START CAPACITOR (130-156 μ f)
8	1	DAYTON	2MEH6	RUN CAPACITOR (45 μ f)
9				
10				

	Drawing Title BILL OF MATERIALS						
		-	-	-	-	-	-
	REFERENCE DRAWING	NO.	REVISION - LOCATION	ECN	DATE	BY	
	S/N	Sales Engineer	Application Engineer	DRAWN	APPROVED		
		T.L.	T.L.	BY: BMF	BY:	DATE:	
DATE: 08/06/19	Project Title SIMPLEX PUMP CONTROL PANEL	 DELTA PROCESS EQUIPMENT			8275 Florida Blvd. Denham Springs, LA 70726	PURCHASE ORDER NUMBER	
					DRAWING NUMBER CP-1965R1		
					SHEET NUMBER 4		



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