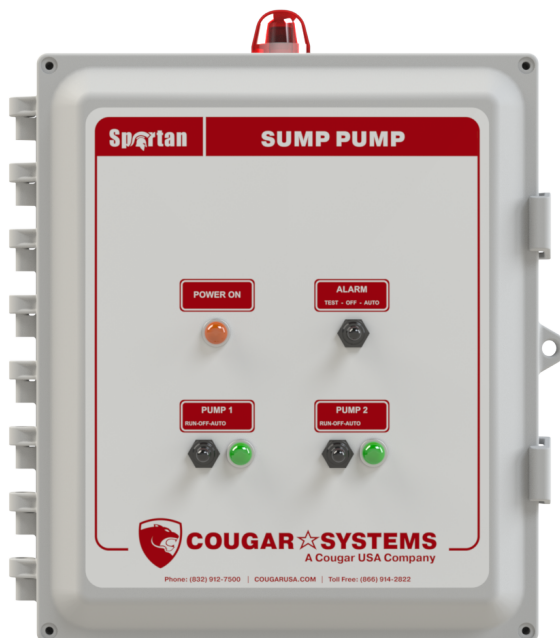




SUBMITTAL

Spartan Sump



Spartan



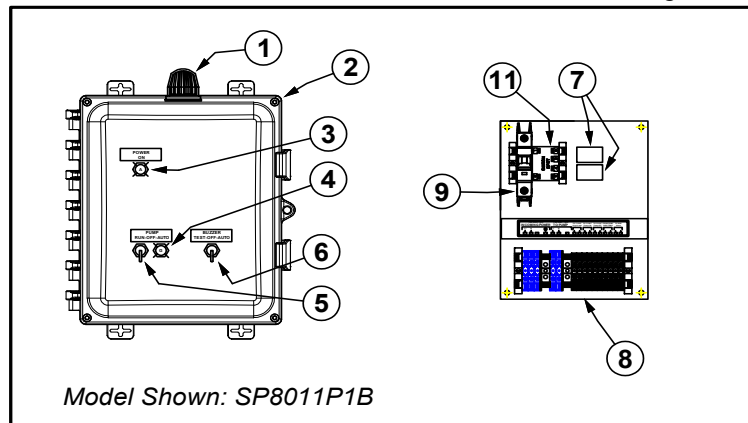
FEATURES

- Type 4X construction withstands outdoor installations and prevents corrosion
- Lockable hinged front enclosure door
- Main disconnect with direct mount operator
- Combination Circuit Breaker/Overload motor starter (3 Phase Units)
- Motor Circuit Breaker (1 Phase Units)
- Motor Contactor
- Amber Power on Light
- Pump Hand-On-Auto selector switch with green pump run lights
- Buzzer Test-Off-Auto selector switch
- High Temp Motor Protection Circuit
- Electronic pump alternation (Duplex Units)
- Multi float count configurable
- Control voltage stepdown transformer (3 Phase Units)
- 360° visible red alarm beacon
- Piezo alarm buzzer
- Dry contact remote alarm interface
- Color coded wiring
- Numbered screw type field termination block
- Field wiring diagram and installation instructions included

PANEL COMPONENTS

1. Alarm Beacon
2. TYPE 4X Enclosure
3. Power On Indicator
4. Pump Run Indicator
5. Pump Selector switch
6. Alarm Selector switch
7. Control Relay
8. Terminal Strip
9. Pump Breaker
10. Alarm Horn
11. Pump Contactor
12. Motor Starter Combo Circuit Breaker/Overload (3Phase Only)
13. Alternator (Duplex only)
14. Control Transformer (3Phase Only)

Figure 1.1





ENCLOSURE DIMENSIONS

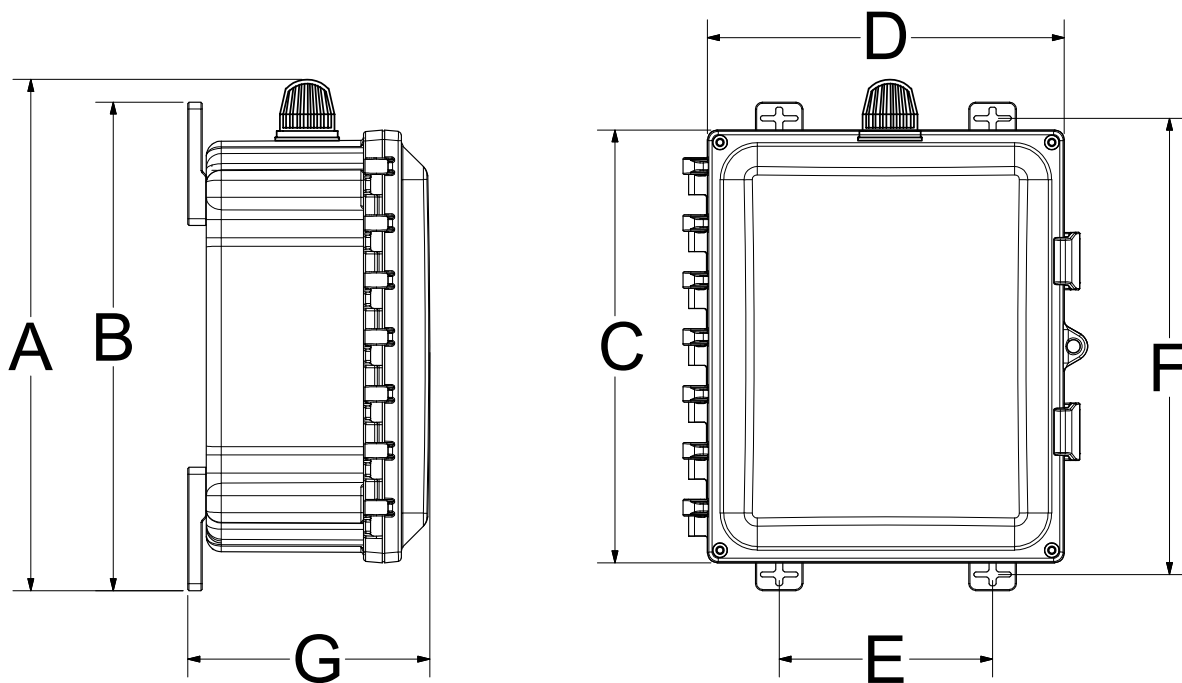
SIMPLEX/DUPLEX STANDARD - 16x14x08

A	B	C	D	E	F	G
19.47	18.88	17.41	15.41	11.63	18.03	9.86

SIMPLEX/DUPLEX INTRINSICALLY SAFE - 18x16x10

A	B	C	D	E	F	G
21.45	20.88	19.41	17.41	13.63	20.03	11.86

* Selecting multiple options will upsize enclosure.





PANEL SELECTION

	<u>VOLTAGE</u>
(11)	120vac - 1 Phase
(12)	208/240vac - 1 Phase
(32)	208/240vac - 3 Phase
(34)	460/480vac - 3 Phase
(52)	Dual 208/240vac - 3Ph
(54)	Dual 480vac - 3Ph

	<u>TYPES</u>
(P1)	Simplex
(P2)	Duplex
(P3)	Triplex
	Multiple Pumps

	<u>1PH AMPERAGE</u>
(B)	0-15Amp

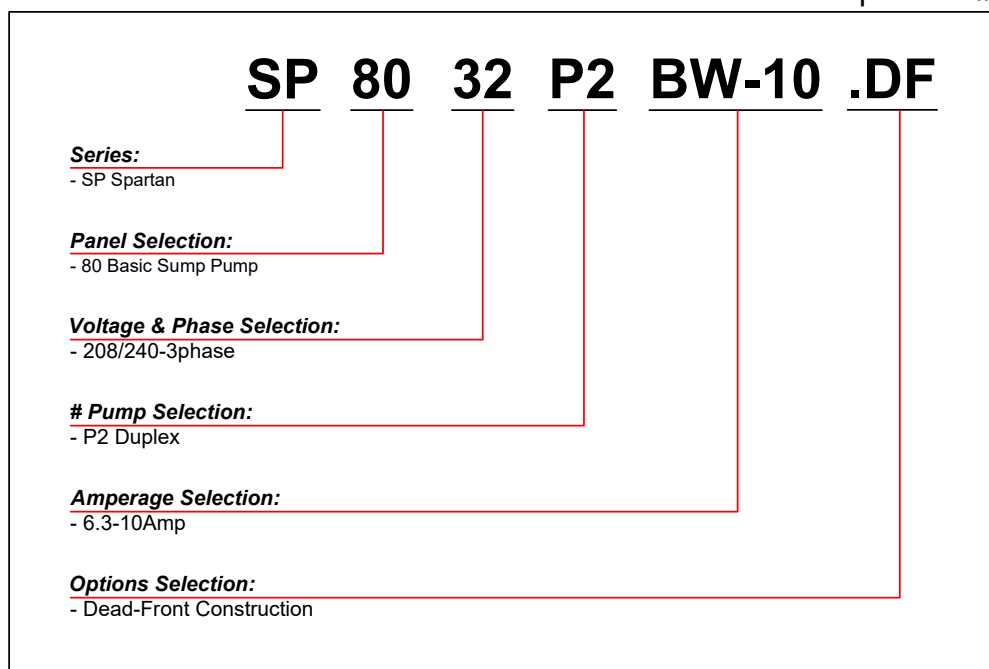
	<u>3PH AMPERAGE</u>
(BW-1.6)	1-1.6 Amp
(BW-2.5)	1.6-2.5 Amp
(BW-4)	2.5-4 Amp
(BW-6.3)	4-6.3 Amp
(BW-10)	6.3-10 Amp
(BW-16)	10-16 Amp
(BW-20)	16-20 Amp
(BW-25)	20-25 Amp
(BS-5)	1.25-5 Amp
(BS-12)	3-12 Amp
(BS-32)	8-32 Amp

	<u>OPTIONS</u>
(DF)	Dead-Front
(IS)	Intrinsically Safe
(BI)	BACnet
(6K)	65K SCCR **
(10K)	100K SCCR **
(VFD)	Drives installed **
(SS)	Stainless Steel Enclosure
	NEMA Starters (Heavy Duty) **

SP8032P2BW-10.DF

Panel Selection Breakdown

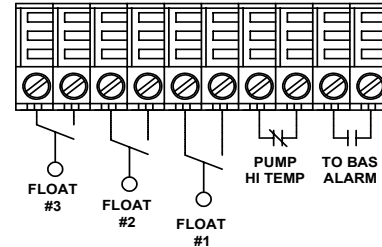
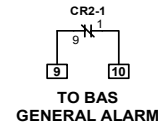
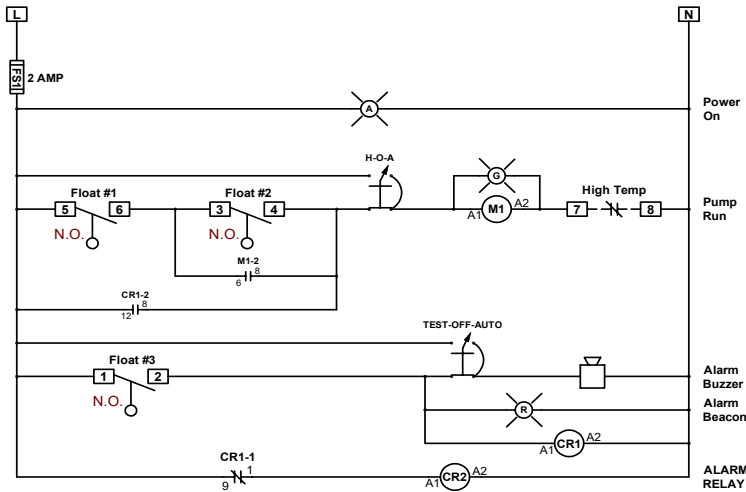
Example Part #:



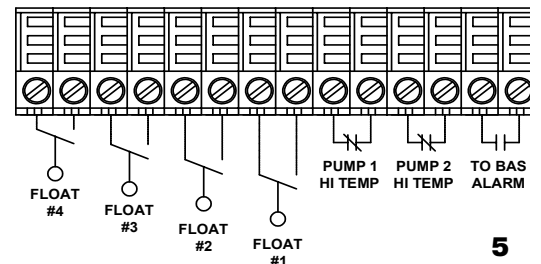
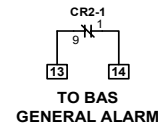
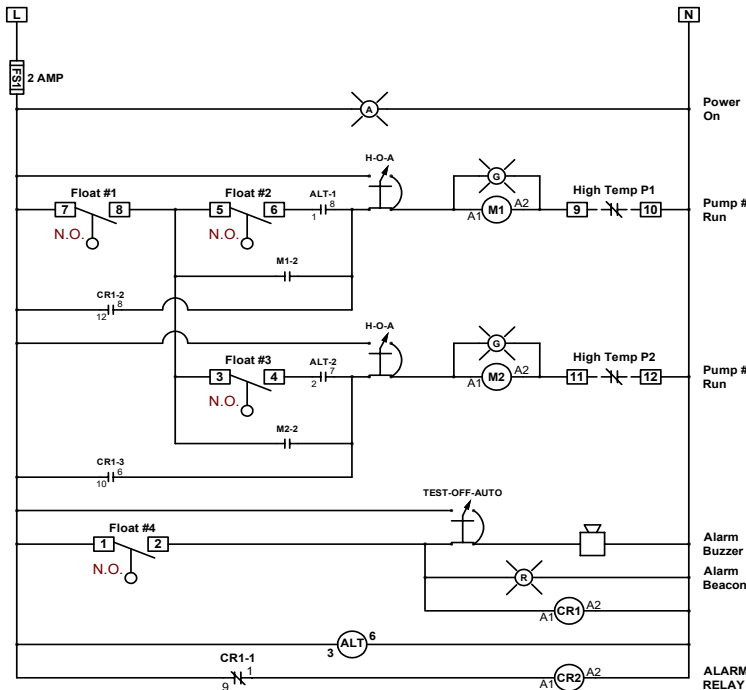


CONTROLS DIAGRAM

SIMPLEX



DUPLEX





MOTOR CONTROLS

1. Standard Motor Controls Incoming Power Service of 115/120vac - 1 phase. Simplex and Duplex setup (Figure 1). Adder Options Available.

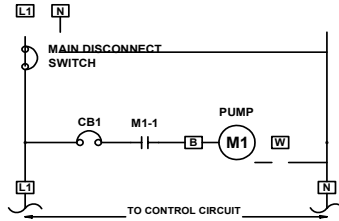
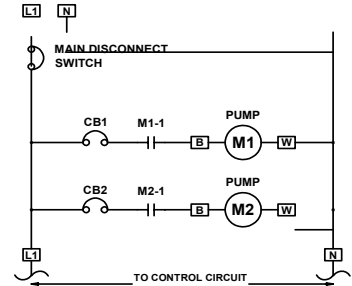


Figure 1



1. Standard Motor Controls Incoming Power Service of 200/240vac - 1 phase. Simplex and Duplex setup (Figure 1). Adder Options Available.

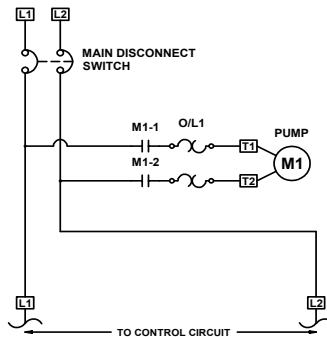
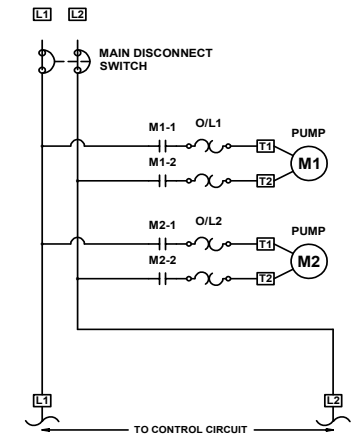


Figure 2



1. Standard Motor Controls Incoming Power Service of 200/240/480vac - 3 phase. Simplex and Duplex setup (Figure 1). Adder Options Available.

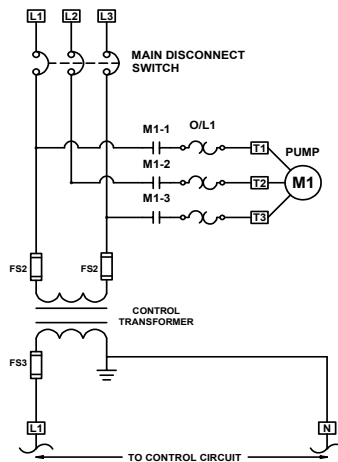


Figure 3

