

BOOSTER CONTROL PANEL SUBMITTAL

SIMPLEX BOOSTER

Control Panel Standard Features

- NEMA 1 Enclosure
- Main disconnect interlocked with door
- Thermomagnetic fuseless motor protector (Internal circuit breaker- thermal & short circuit protection)
- Starter with field adjustable 3-leg overload protection
- 120 volt control transformer with fused primary and secondary circuits
- Power On lamp
- Run lamp and H-O-A switch for the pump
- Low suction pressure protection with warning lamp
- Terminal strip connections for all external devices
- All panels are UL-508 labeled or CSA approved

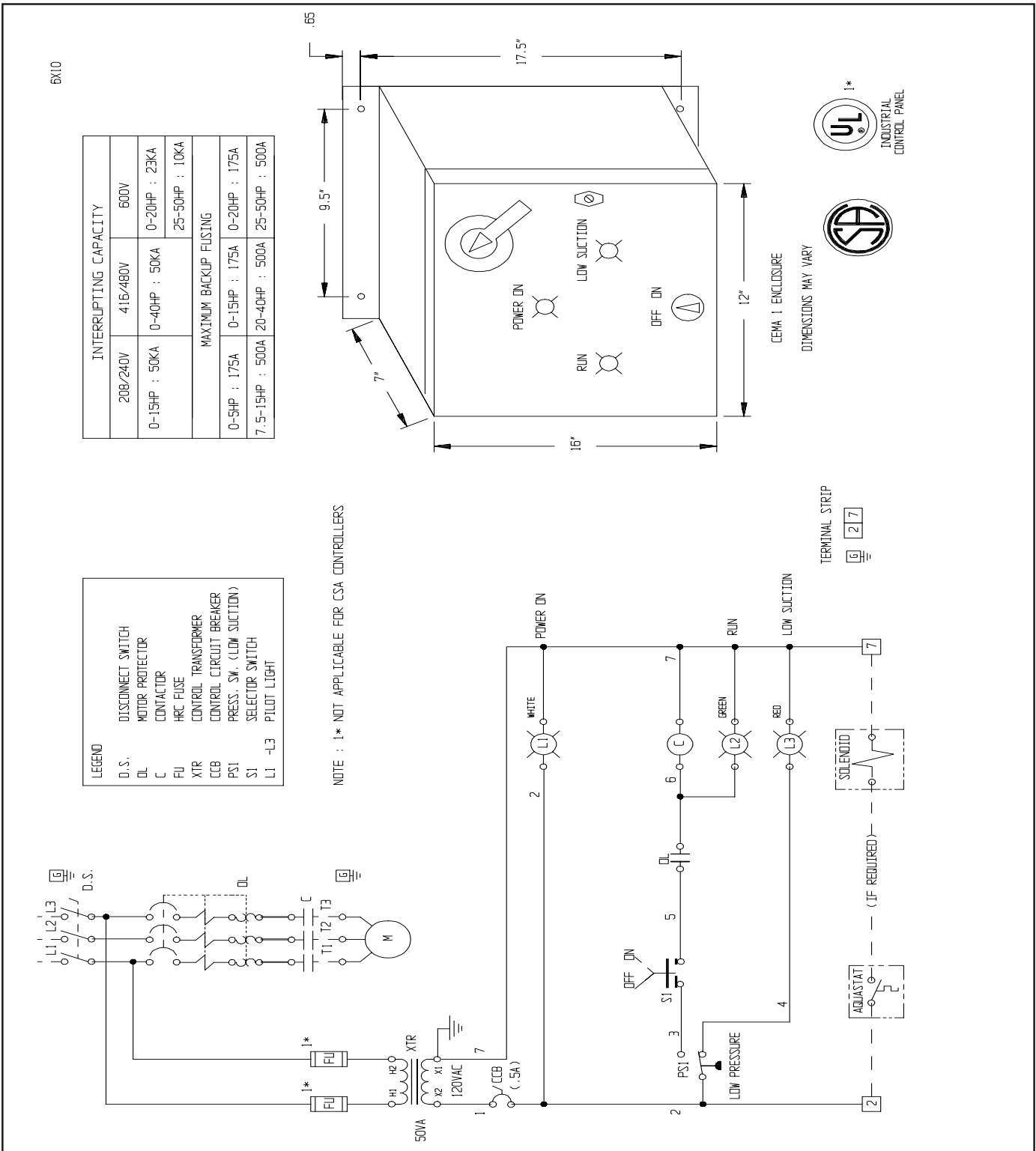
Control Panel Available Options

Option Code	CONTROL OPTIONS Description	Option Code	CONTROL OPTIONS Description
CONTROL ENCLOSURES		ALTERNATION (Equal Sized Pumps Only)	
<input type="checkbox"/> A	NEMA Type 12 Painted Steel Enclosure	<input type="checkbox"/> I	24 hr/7-Day Time Clock Alternation Pumps 1 and 2
<input type="checkbox"/> AB	NEMA Type 4 Painted Steel Enclosure	HYDROSAVER SEQUENCING (Unequal Sized Pumps)	
<input type="checkbox"/> AA	NEMA Type 3R Painted Steel Enclosure	<input type="checkbox"/> S	DUPLEX 3 STEP SEQUENCING (P1 - P2 - P1&P2)
ALARMS		<input type="checkbox"/> T	TRIPLEX 4 STEP SEQUENCING (P1 - P2 - P2&P3 - P1&P2&P3)
<input type="checkbox"/> K	High Sys. Press., Pump(s) Shutdown, Manual Reset, w/Lamp	<input type="checkbox"/> U	TRIPLEX 5 STEP SEQUENCING (P1 - P2 - P1&P2 - P2&P3 - P1&P2&P3)
<input type="checkbox"/> D	Motor Overload Lamps (One per Motor)	REMOTE INDICATION CONTACTS	
<input type="checkbox"/> AD	Low Sys. Press., Pump(s) Shutdown, Manual Reset, w/Lamp	<input type="checkbox"/> E	Pump Running NO/NC Dry Contact Set
<input type="checkbox"/> G	High Suction Press., Pump(s) Shutdown, Auto Reset, w/Lamp	<input type="checkbox"/> AF	Low Suction NO/NC Dry Contact Set
<input type="checkbox"/> H	Alarm Buzzer with silencing relay	<input type="checkbox"/> AG	Low System NO/NC Dry Contact Set
<input type="checkbox"/> Q	Low Sys. Press., Next Pump Starts, Manual Reset, w/Lamp	<input type="checkbox"/> AH	High System NO/NC Dry Contact Set
<input type="checkbox"/> AE	Low Suction Level Shutdown (SPDT Level switch by others)	<input type="checkbox"/> AI	High Suction NO/NC Dry Contact Set
OTHER MODIFICATIONS		<input type="checkbox"/> AJ	Motor Overload NO/NC Dry Contact Set
<input type="checkbox"/> AR	Locking Handle c/w 2 keys	<input type="checkbox"/> A1	Molded Case Circuit Breakers (in lieu of thermomagnetic motor protectors)
<input type="checkbox"/> AW	Ammeter 3 phase c/w selector switch		
<input type="checkbox"/> AY	Voltmeter 3 phase c/w selector switch		
<input type="checkbox"/> M	Elapsed Running Time Meter(s)		
<input type="checkbox"/> AL	Motor Overload Reset Push-button(s), Door Mounted		
<input type="checkbox"/> X	No-Flow Shutdown via aquastat (temp and press.) with Pilot Light		
<input type="checkbox"/> AM	Remote Starting in AUTO Connections		



WIRING DIAGRAM SUBMITTAL

Simplex Booster - Standard Unit



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