

SUBMITTAL

VFD Protection



Spartan

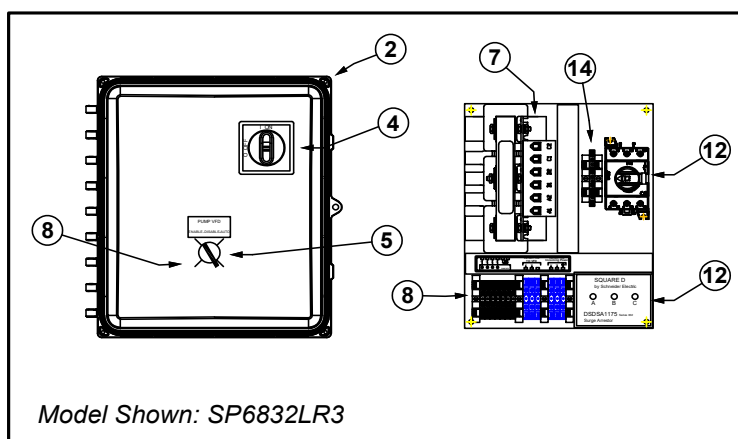


FEATURES

- Type 4X construction withstands outdoor installations and prevents corrosion
- Lockable hinged front enclosure door
- Drive input line reactor, 3% impedance
- Thru-the Door Lockable Main Disconnect
- Three position switch VFD “Enable – Disable – Auto”
- 12VAC VFD Enable Relay
- SQD SDSA3650 Surge Protection
- Pump disable circuit
- Numbered screw type field termination block
- Field wiring diagram and installation instructions included

PANEL COMPONENTS

- | | |
|-------------------------------|---------------------|
| 1. TYPE 4X Enclosure | 5. VFD Enable Relay |
| 2. Main Disconnect Thru-Door | 6. Surge Protection |
| 3. VFD Run Indicator | 7. Terminal Strip |
| 4. VFD Enable Selector switch | 8. Line Reactor |

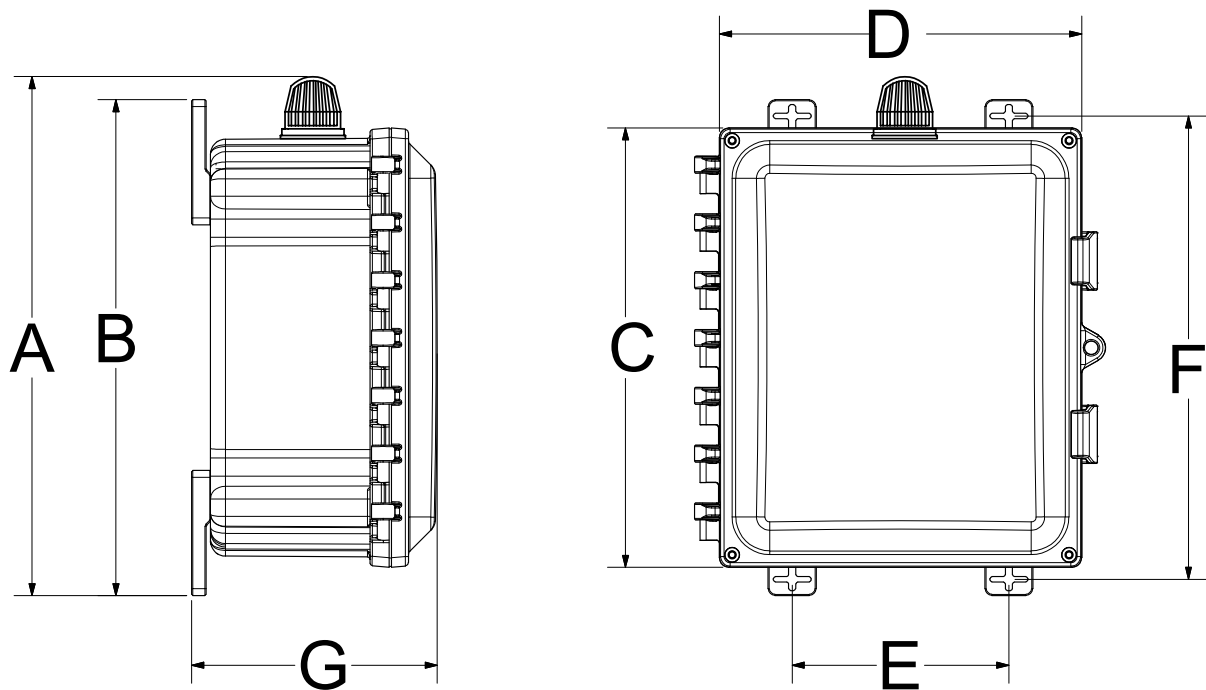




ENCLOSURE DIMENSIONS

STANDARD - 16x14x08

A	B	C	D	E	F	G
19.47	18.88	17.41	15.41	11.63	18.03	9.89





PANEL SELECTION

	<u>VOLTAGE</u>
(12)	208/240vac - 1 Phase
(32)	208/240vac - 3 Phase
(34)	460/480vac - 3 Phase

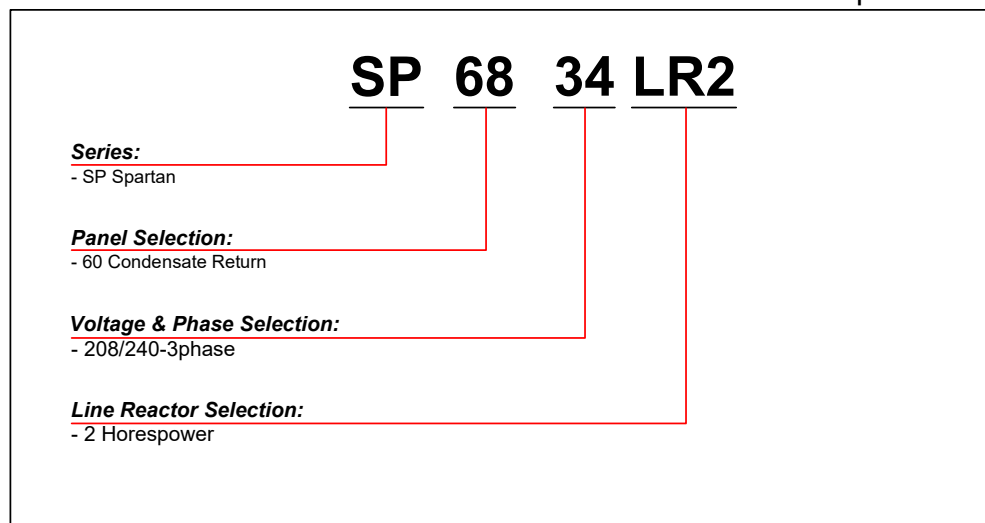
	<u>TYPES</u>
(P1)	Simplex: standard
(P2)	Duplex: custom

	<u>Horsepower</u>
(LR05)	1/2HP Line Reactor
(LR07)	3/4HP Line Reactor
(LR1)	1HP Line Reactor
(LR2)	2HP Line Reactor
(LR3)	3HP Line Reactor
(LR4)	4HP Line Reactor
(LR5)	5HP Line Reactor
(LR7)	7.5HP Line Reactor
(LR10)	10HP Line Reactor
(LR15)	15HP Line Reactor
(LR20)	20HP Line Reactor
(LR25)	25HP Line Reactor
(LR30)	30HP Line Reactor
(LR40)	40HP Line Reactor
(LR50)	50HP Line Reactor
	Custom (High HP)

SP6834LR2

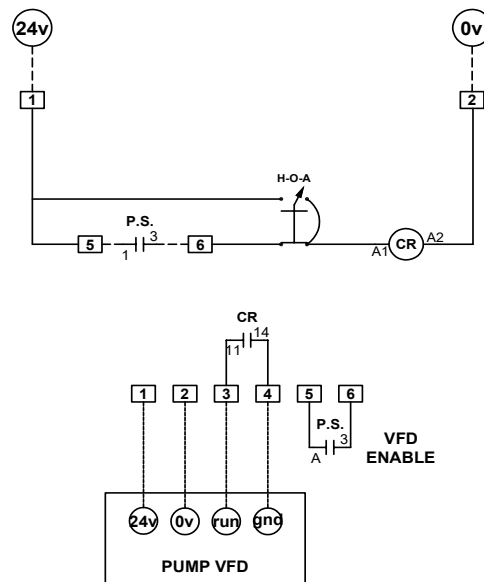
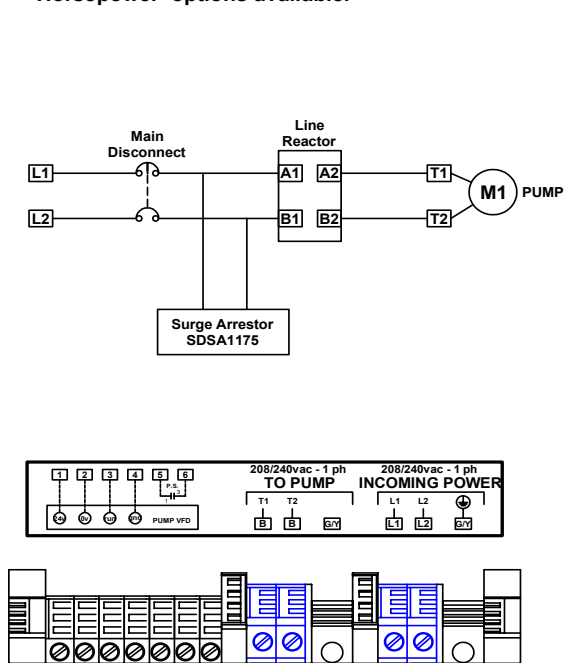
Panel Selection Breakdown

Example Part #:



WIRING DIAGRAM

1. Standard Wiring Controls & Incoming Power Service of 208/240vac - 1 phase. Simplex setup (Figure 1). Horsepower options available.



1. Standard Wiring Controls & Incoming Power Service of 208/240/480vac - 3 phase. Simplex setup (Figure 2). Horsepower options available.

