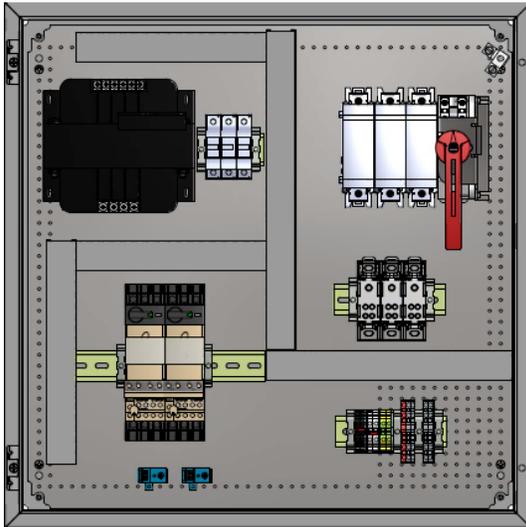


### TS-3D... Stand-Alone Deaerator/Surge or Condensate Tanks Three Phase Enclosures



#### Description

TS-3D... series three phase enclosures are suited for any Deaerator, Surge, Condensate, or Combination DA/SRG, DA/Condensate, or Surge/Condensate stand-alone 480VAC panels. Provide a single point power entry and connects to SCC Inc. control system.

The TS-3D... three phase enclosures are suited for DA, Surge, or condensate for feedwater or transfer pump motor controls with starters or VFDs.

#### Features

- Up to 6 pumps
- Up to 50HP feedwater pump motor starter or VFD protected connection, up to 20HP compressor motor starter, and up to 10HP for the oil pumps motor starter
- 120VAC fused power connection
- Control panel command and feedback connections
- NEMA12/4X
- UL 508 listed

#### Application

The TS-3D... three phase enclosures are suited for DA, Surge, Condensate, or combination with 480VAC

#### Components

TS... 3 phase panel may include the following components:

- Three phase main fused disconnect
- Manual Motor Circuit Protection or fuses for VFDs and Starters above 20HP
- Power distribution blocks
- Feedwater pump motor starters
- Feedwater pump fused VFD connection
- 750 VA control circuit fused transformer
- 120VAC power connection terminals
- Starters control and feedback current switch terminals
- Power indication light

## Product Part Numbers

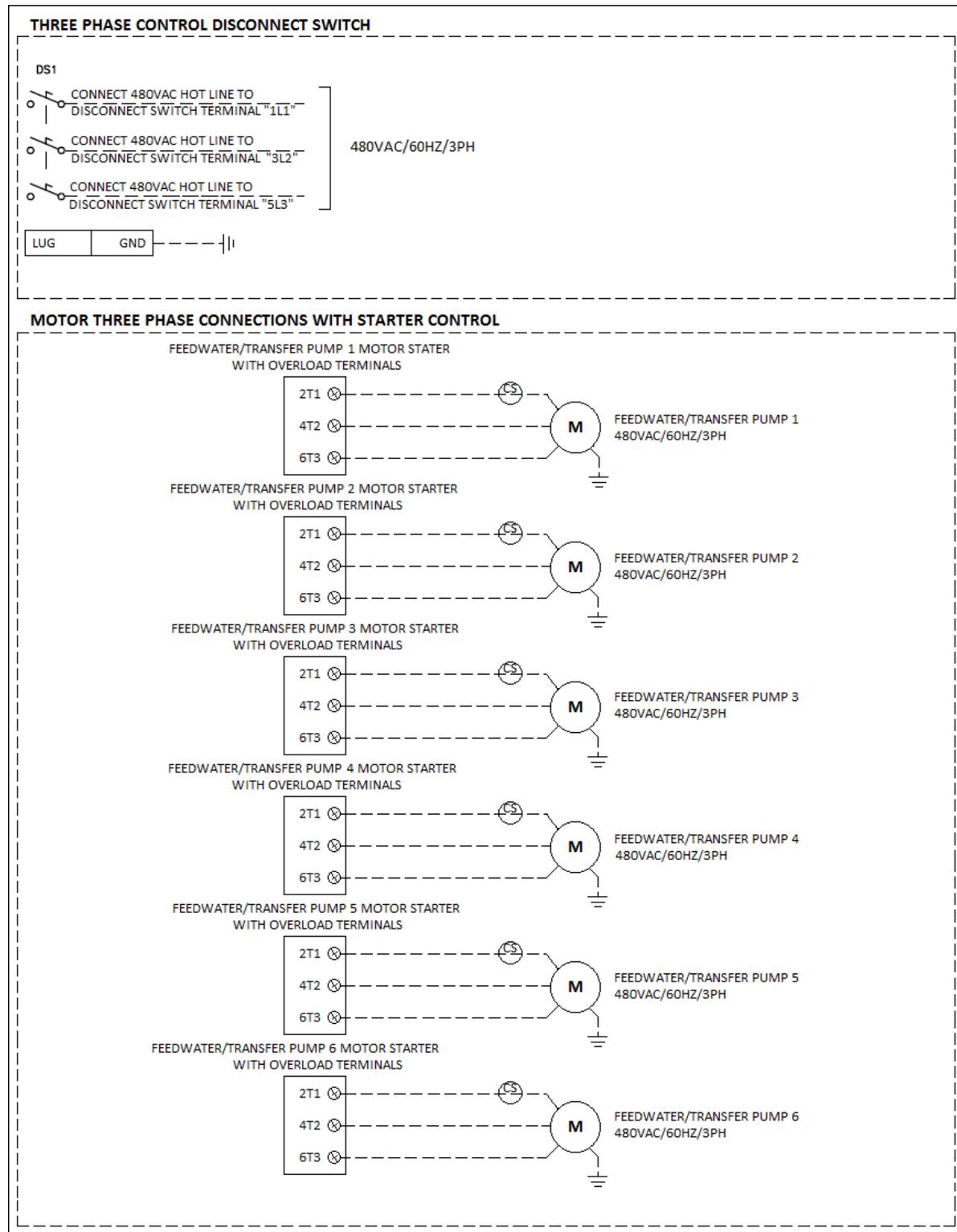
TS -	3D	-	1	V	4	C	S	-	Y	Y	Y
DA/SRG/Cond Tank Three Phase 480 VAC Enclosure											
<b>Tank Type</b>											
1 = Deaerator, feedwater pumps											
2 = Surge, transfer pumps											
3 = Condensate, transfer pumps											
<b>Pumps Motor Starter or VSD Controlled</b>											
X = Motor Starter with built in MCB's (Just for <= 20HP)											
M = Motor Starter with Fuses and Fuse Holders (Just for > 20HP)											
C = Motor Starter with Manual Circuit Breaker (Just for > 20 HP)											
V = VFD Control with Fuses and Fuse Holders											
B = VFD Control with Manual Circuit Breaker											
<b>Number of Pumps</b>											
2 = Two pumps											
3 = Three pumps											
4 = Four pumps											
5 = Five pumps											
6 = Six pumps											
<b>Pumps Motor HP Size</b>											
A = Pump motor 2 HP      G = Pump motor 20 HP											
B = Pump motor 3 HP      H = Pump motor 25 HP											
C = Pump motor 5 HP      I = Pump motor 30 HP											
D = Pump motor 7.5 HP    J = Pump motor 40 HP											
E = Pump motor 10 HP     K = Pump motor 50 HP											
F = Pump motor 15 HP											
<b>Enclosure and NEMA rating (Steel, powder coated enclosures)</b>											
S = NEMA12/4X no cooling fan, no VFDs installed in enclosure											
1 = NEMA1 with cooling fan, drives shipped loose or by others											
2 = NEMA12 with cooling fan includes hood over fan, drives shipped loose or by others											
4 = NEMA4X with cooling fan includes hood over fan, drives shipped loose or by others											
A = NEMA1 with cooling fan, Yaskawa drives installed in enclosure (Future, contact SCC)											
B = NEMA12 with cooling fan includes hood over fan, Yaskawa drives installed in enclosure (Future, contact SCC)											
C = NEMA4X with cooling fan includes hood over fan, Yaskawa drives installed in enclosure (Future, contact SCC)											
<b>Pump Run Indicator Lights</b>											
Y = Included in enclosure											
N = Not included in enclosure											
<b>Main Three Phase Fused Disconnect</b>											
Y = Provided in enclosure											
<b>Control Transformer 480VAC to 120VAC</b>											
Y = 750VA Control Transformer 480VAC to 120VAC provided in enclosure											

## Specifications

		All
Electrical characteristics	Main Power Voltage	480VAC
	Main Operating Frequency	50 – 60 HZ
	Three Phase Parts Power Voltage	460-480VAC
	Component Control Operating Voltage	120 VAC
	Power Consumption	HP Dependent
	SCCR (Short Circuit Current Rating)	200KA RMS
Operating environment	Operating Temperature	-10 to 131 °F [-23 to 55 °C]
	Humidity	Max. 85% with no condensation

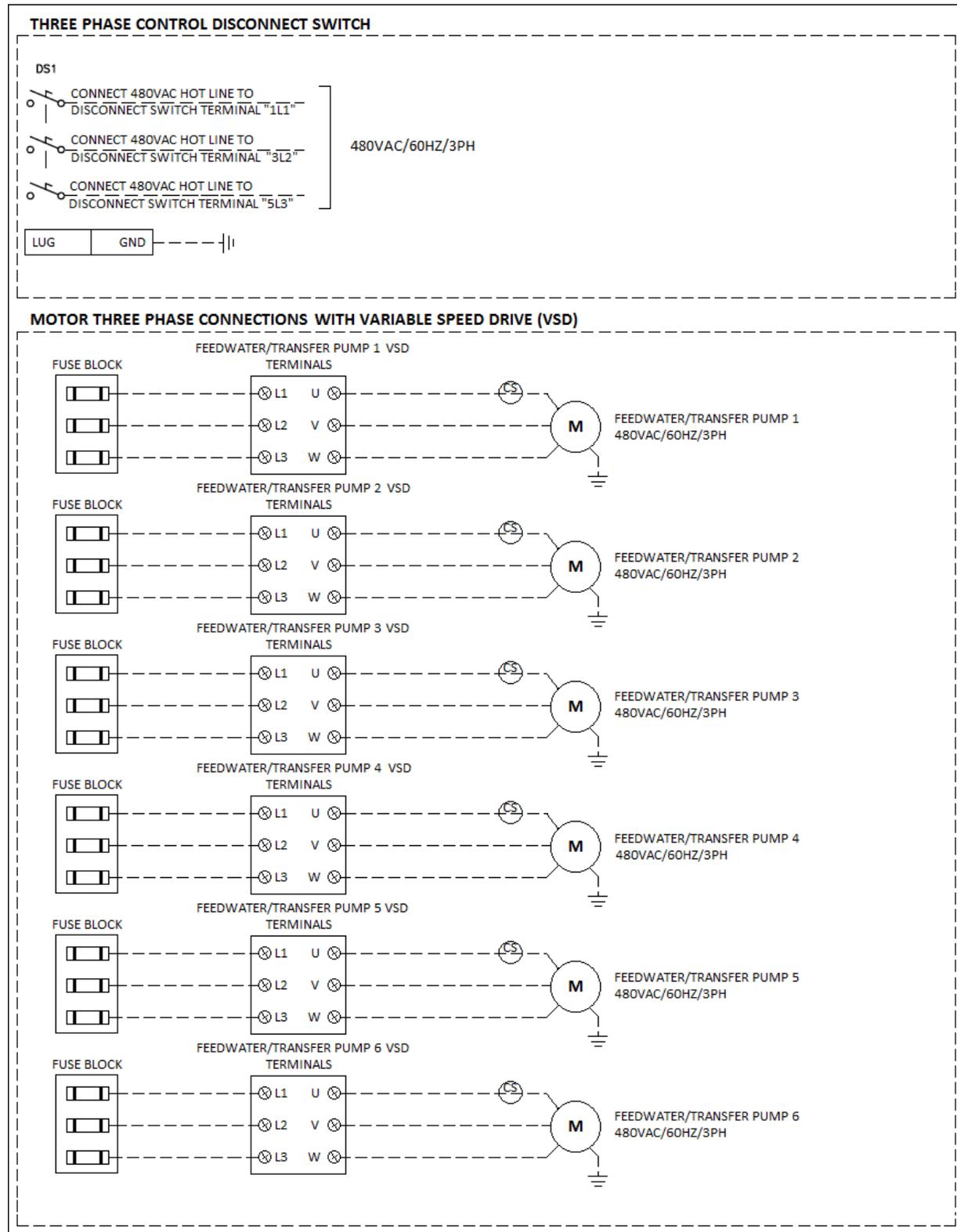
## Field Connections

### Three Phase Disconnect Switch and Motor Connections with Starter Control



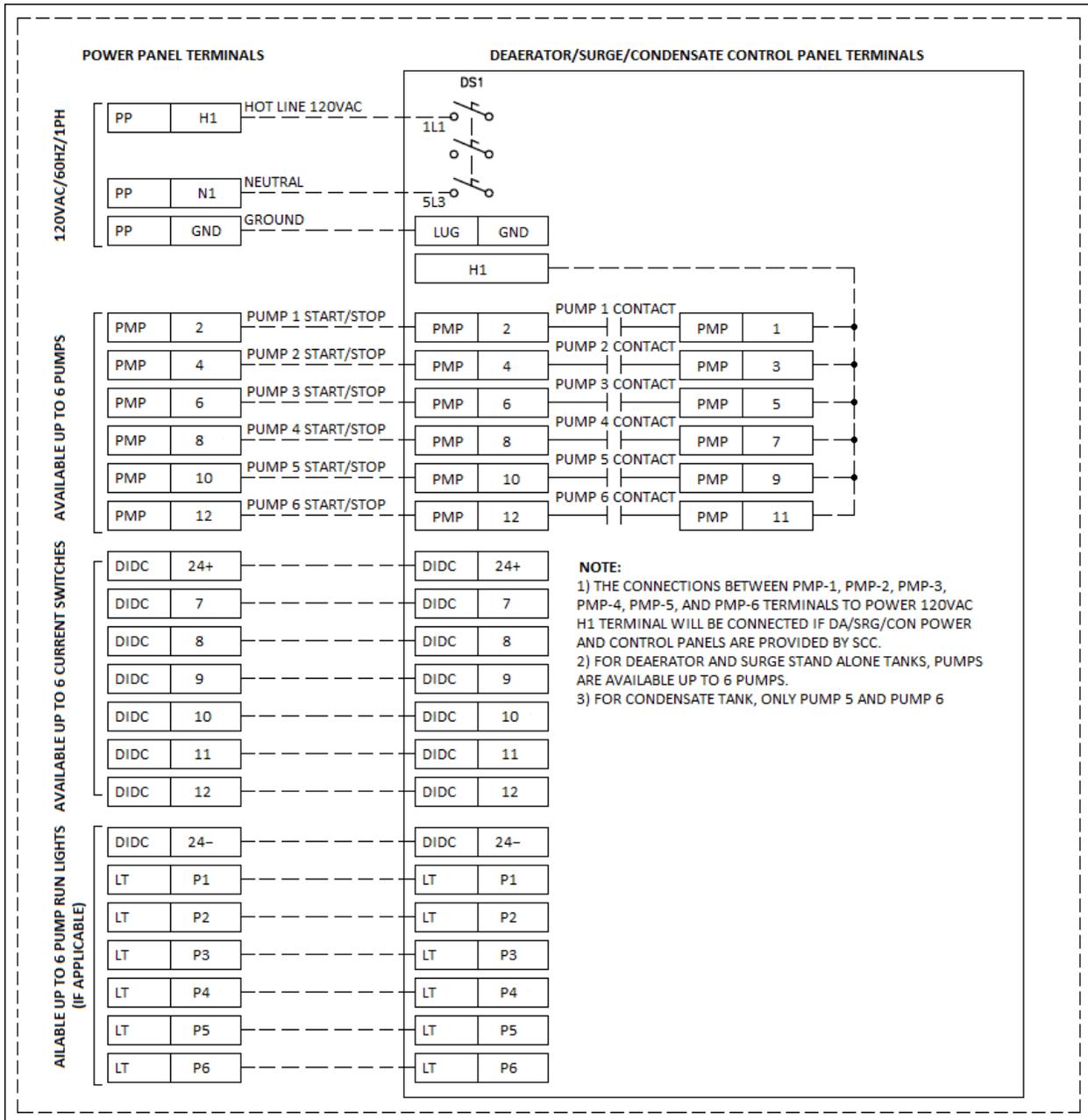
## Field Connections (continued)

### Three Phase Disconnect Switch and Motor Connections with Variable Speed Drive



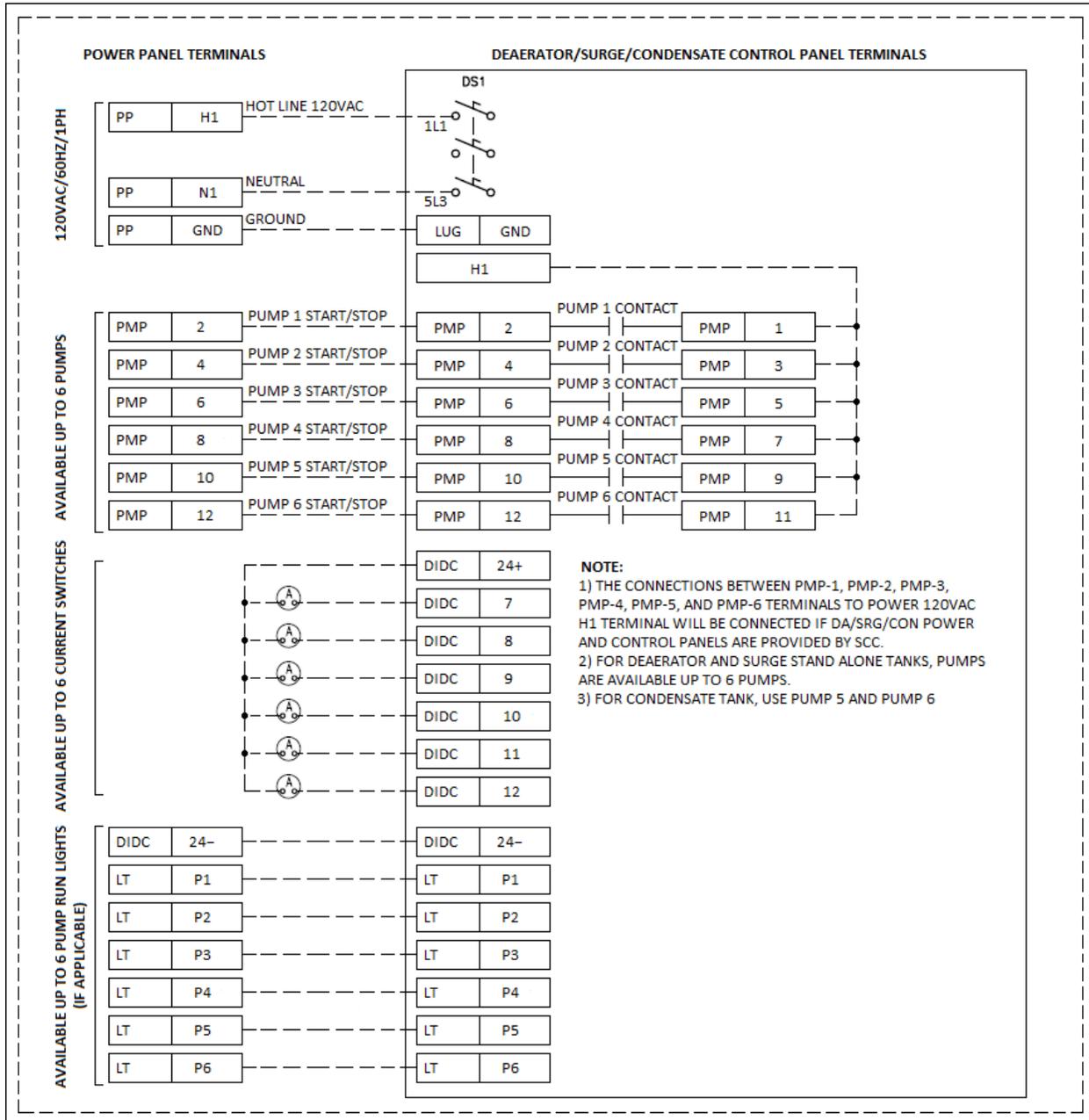
## Field Connections (continued)

### Connections with SCC Deaerator/Surge/Condensate Control Panel and with Starter Control



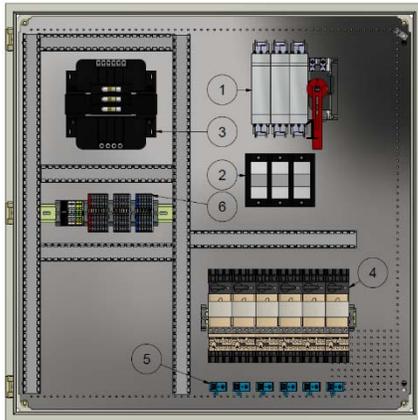
## Field Connections (continued)

### Connections with SCC Deaerator/Surge/Condensate Control Panel and with VSD

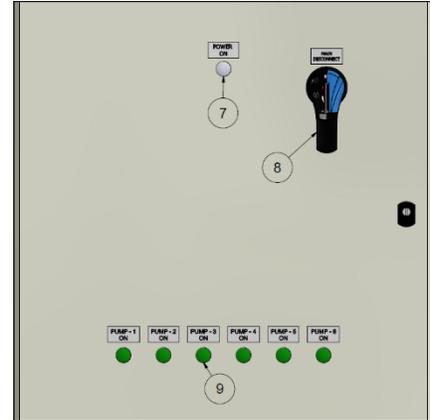


## Parts Description

### Starter Control

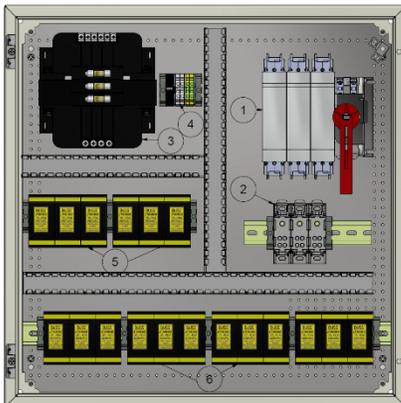


- 1- Main Fused Disconnect with locking handle
- 2- Three phase power distribution blocks
- 3- 480VAC to 120VAC control transformer
- 4- Feedwater/Transfer pump starter
- 5- Pump status current switches

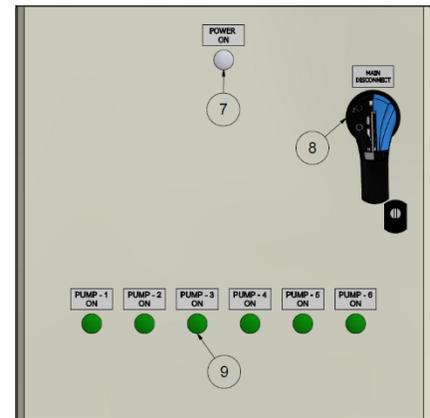


- 6- 120VAC feed through and interconnecting terminals
- 7- Power indication light
- 8- Main fused disconnect handle
- 9- Pump on indication lights

### VFD Control



- 1- Main Fused Disconnect with locking handle
- 2- Three phase power distribution blocks
- 3- 480VAC to 120VAC control transformer
- 4- 120VAC feed through and interconnecting terminals



- 5- Feedwater pump fused VFD connection
- 6- Feedwater pump fused VFD connection
- 7- Power indication light
- 8- Main fused disconnect handle
- 9- Pump on indication lights

**Starters Only, 480VAC, all motors, up to 6 pumps for DA or Surge, and up to 2 Pumps for Condensate tanks**

<b>Feedwater Motor: 2HP</b>	<b>Motor FLA (Amp): 3.4</b>			<b>Starter Fuse Size (Amp): N/A</b>	
Number of Pumps	2	3	4	5	6
Total FLA Calculation (Amp)	10.5	13.9	17.3	20.7	24.1
Disconnect size (Amp)	30A	30A	30A	30A	30A
Main disconnect fuse size (Amp)	10	15	17.5	20	25
Starter Upstream Fuse Holder (Amp)	N/A	N/A	N/A	N/A	N/A
Enclosure Size	24"X24"X10"	24"X24"X10"	24"X24"X10"	24"X24"X10"	24"X24"X10"
Wire AWG from Disconnect to Distribution	TS-W-10	TS-W-8	TS-W-8	TS-W-8	TS-W-8
Wire AWG Distribution to Fuse Holders	TS-W-14	TS-W-14	TS-W-14	TS-W-14	TS-W-14
<b>Feedwater Motor: 3HP</b>	<b>Motor FLA (Amp): 4.8</b>			<b>Starter Fuse Size (Amp): N/A</b>	
Number of Pumps	2	3	4	5	6
Total FLA Calculation (Amp)	14	18.8	23.6	28.4	33.2
Disconnect size (Amp)	30A	30A	30A	30A	60A
Main disconnect fuse size (Amp)	15	20	25	30	35
Starter Upstream Fuse Holder (Amp)	N/A	N/A	N/A	N/A	N/A
Enclosure Size	24"X24"X10"	24"X24"X10"	24"X24"X10"	24"X24"X10"	24"X24"X10"
Wire AWG from Disconnect to Distribution	TS-W-8	TS-W-8	TS-W-8	TS-W-6	TS-W-6
Wire AWG Distribution to Fuse Holders	TS-W-14	TS-W-14	TS-W-14	TS-W-14	TS-W-14
<b>Feedwater Motor: 5HP</b>	<b>Motor FLA (Amp): 7.6</b>			<b>Starter Fuse Size (Amp): N/A</b>	
Number of Pumps	2	3	4	5	6
Total FLA Calculation (Amp)	21	28.6	36.2	43.8	51.4
Disconnect size (Amp)	30A	360A	60A	60A	100A
Main disconnect fuse size (Amp)	25	30	40	45	50
Starter Upstream Fuse Holder (Amp)	N/A	N/A	N/A	N/A	N/A
Enclosure Size	24"X24"X10"	24"X24"X10"	24"X24"X10"	24"X24"X10"	24"X24"X10"
Wire AWG from Disconnect to Distribution	TS-W-8	TS-W-8	TS-W-6	TS-W-6	TS-W-4
Wire AWG Distribution to Fuse Holders	TS-W-12	TS-W-12	TS-W-12	TS-W-12	TS-W-12
<b>Feedwater Motor: 7 1/2HP</b>	<b>Motor FLA (Amp): 11</b>			<b>Starter Fuse Size (Amp): N/A</b>	
Number of Pumps	2	3	4	5	6
Total FLA Calculation (Amp)	29.5	40.5	51.5	62.5	73.5
Disconnect size (Amp)	30A	60A	100A	100A	100A
Main disconnect fuse size (Amp)	30	40	50	70	80
Starter Upstream Fuse Holder (Amp)	N/A	N/A	N/A	N/A	N/A
Enclosure Size	24"X24"X10"	24"X24"X10"	24"X24"X10"	24"X24"X10"	24"X24"X10"
Wire AWG from Disconnect to Distribution	TS-W-6	TS-W-6	TS-W-6	TS-W-6	TS-W-4
Wire AWG Distribution to Fuse Holders	TS-W-10	TS-W-10	TS-W-10	TS-W-10	TS-W-10

**Starters Only, 480VAC, all motors, up to 6 pumps for DA or Surge, and up to 2 Pumps for Condensate tanks (continued)**

<b>Feedwater Motor: 10HP</b>	<b>Motor FLA (Amp): 14</b>			<b>Starter Fuse Size (Amp): N/A</b>	
Number of Pumps	2	3	4	5	6
Total FLA Calculation (Amp)	37	51	65	79	93
Disconnect size (Amp)	60A	100A	100A	100A	100A
Main disconnect fuse size (Amp)	40	50	70	80	100
Starter Upstream Fuse Holder (Amp)	N/A	N/A	N/A	N/A	N/A
Enclosure Size	24"X24"X10"	24"X24"X10"	24"X24"X10"	32"X32"X10"	32"X32"X10"
Wire AWG from Disconnect to Distribution	TS-W-6	TS-W-2	TS-W-2	TS-W-1/0	TS-W-2/0
Wire AWG Distribution to Fuse Holders	TS-W-8	TS-W-8	TS-W-8	TS-W-8	TS-W-8
<b>Feedwater Motor: 15HP</b>					
<b>Feedwater Motor: 15HP</b>	<b>Motor FLA (Amp): 21</b>			<b>Starter Fuse Size (Amp): N/A</b>	
Number of Pumps	2	3	4	5	6
Total FLA Calculation (Amp)	54.5	75.5	96.5	117.5	138.5
Disconnect size (Amp)	100A	100A	100A	200A	200A
Main disconnect fuse size (Amp)	60	80	100	125	150
Starter Upstream Fuse Holder (Amp)	N/A	N/A	N/A	N/A	N/A
Enclosure Size	24"X24"X10"	24"X24"X10"	32"X32"X10"	32"X32"X10"	32"X32"X10"
Wire AWG from Disconnect to Distribution	TS-W-4	TS-W-2	TS-W-1/0	TS-W-2/0	TS-W-2/0
Wire AWG Distribution to Fuse Holders	TS-W-6	TS-W-6	TS-W-6	TS-W-6	TS-W-6
<b>Feedwater Motor: 20HP</b>					
<b>Feedwater Motor: 20HP</b>	<b>Motor FLA (Amp): 27</b>			<b>Starter Fuse Size (Amp): N/A</b>	
Number of Pumps	2	3	4	5	6
Total FLA Calculation (Amp)	69.5	96.5	123.5	150.5	177.5
Disconnect size (Amp)	100A	200A	200A	200A	400A
Main disconnect fuse size (Amp)	70	100	125	150	175
Starter Upstream Fuse Holder (Amp)	N/A	N/A	N/A	N/A	N/A
Enclosure Size	24"X24"X10"	32"X32"X10"	32"X32"X10"	40"X32"X10"	40"X32"X10"
Wire AWG from Disconnect to Distribution	TS-W-2	TS-W-2/0	TS-W-2/0	TS-W-3/0	TS-W-3/0
Wire AWG Distribution to Fuse Holders	TS-W-6	TS-W-6	TS-W-6	TS-W-6	TS-W-6
<b>Feedwater Motor: 25HP</b>					
<b>Feedwater Motor: 25HP</b>	<b>Motor FLA (Amp): 34</b>		<b>Starter Fuse Size (Amp): 50</b>	<b>Circuit Breaker (Amp): 70</b>	
Number of Pumps	2	3	4	5	6
Total FLA Calculation (Amp)	87	121	155	189	223
Disconnect size (Amp)	100A	200A	200A	200A	400A
Main disconnect fuse size (Amp)	90	125	150	200	225
Starter Upstream Fuse Holder (Amp)	60	60	60	60	60
Enclosure Size	40"X32"X10"	40"X40"X12"	40"X40"X12"	47"X40"X12"	47"X40"X12"
Wire AWG from Disconnect to Distribution	TS-W-1/0	TS-W-2/0	TS-W-2/0	TS-W-3/0	TS-W-4/0
Wire AWG Distribution to Fuse Holders	TS-W-4	TS-W-4	TS-W-4	TS-W-4	TS-W-4

**Starters Only, 480VAC, all motors, up to 6 pumps for DA or Surge, and up to 2 Pumps for Condensate tanks (continued)**

<b>Feedwater Motor: 30HP</b>	<b>Motor FLA (Amp): 40</b>		<b>Starter Fuse Size (Amp): 60</b>		<b>Circuit Breaker (Amp): 80</b>
Number of Pumps	2	3	4	5	6
Total FLA Calculation (Amp)	102	142	182	222	262
Disconnect size (Amp)	100A	200A	200A	400A	400A
Main disconnect fuse size (Amp)	100	150	200	225	275
Starter Upstream Fuse Holder (Amp)	100	100	100	100	100
Enclosure Size	40"X32"X10"	40"X40"X12"	47"X40"X12"	47"X40"X12"	47"X40"X12"
Wire AWG from Disconnect to Distribution	TS-W-2/0	TS-W-2/0	TS-W-3/0	TS-W-4/0	TS-W-350Kcmil
Wire AWG Distribution to Fuse Holders	TS-W-2	TS-W-2	TS-W-2	TS-W-2	TS-W-2
<b>Feedwater Motor: 40HP</b>					
	<b>Motor FLA (Amp): 52</b>		<b>Starter Fuse Size (Amp): 90</b>		<b>Circuit Breaker (Amp): 90</b>
Number of Pumps	2	3	4	5	6
Total FLA Calculation (Amp)	132	184	236	288	340
Disconnect size (Amp)	200A	200A	400A	400A	400A
Main disconnect fuse size (Amp)	150	200	250	300	350
Starter Upstream Fuse Holder (Amp)	100	100	100	100	100
Enclosure Size	40"X32"X10"	47"X40"X12"	47"X40"X12"	47"X40"X12"	47"X40"X12"
Wire AWG from Disconnect to Distribution	TS-W-2/0	TS-W-3/0	TS-W-4/0	TS-W-350Kcmil	TS-W-350Kcmil
Wire AWG Distribution to Fuse Holders	TS-W-2	TS-W-2	TS-W-2	TS-W-2	TS-W-2
<b>Feedwater Motor: 50HP</b>					
	<b>Motor FLA (Amp): 65</b>		<b>Starter Fuse Size (Amp): 100</b>		<b>Circuit Breaker (Amp): 100</b>
Number of Pumps	2	3	4	5	6
Total FLA Calculation (Amp)	164.5	229.5	294.5	359.5	424.5
Disconnect size (Amp)	200A	400A	400A	400A	Not available
Main disconnect fuse size (Amp)	175	250	300	400	N/A
Starter Upstream Fuse Holder (Amp)	100	100	100	100	N/A
Enclosure Size	40"X32"X10"	47"X40"X12"	47"X40"X12"	47"X40"X12"	N/A
Wire AWG from Disconnect to Distribution	TS-W-2/0	TS-W-3/0	TS-W-4/0	TS-W-350Kcmil	N/A
Wire AWG Distribution to Fuse Holders	TS-W-1/0	TS-W-1/0	TS-W-1/0	TS-W-1/0	N/A

**VSD connections only, 480VAC, all motors, up to 6 pumps for DA or Surge, and up to 2 Pumps for Condensate tanks**

<b>Feedwater Motor: 2HP</b>	<b>Motor FLA (Amp): 3.4</b>	<b>Drive Input Current (Amp): 4.3</b>	<b>Drive MCCB Size (Amp): 15</b>		<b>Drive LPJ Fuse Size (Amp): 7</b>	
Number of Pumps		2	3	4	5	6
Total Fuses FLA Calculation (Amp)		13.3	17.6	21.9	26.2	30.5
Disconnect size (Amp)		30A	30A	30A	30A	30A
Main disconnect fuse size (Amp)		15	17.5	25	30	30
VSD Fuse holder (Amp)		30	30	30	30	30
Enclosure Size		24"X24"X10"	24"X24"X10"	24"X24"X10"	24"X24"X10"	24"X24"X10"
Wire AWG From Disconnect to Distribution		TS-W-10	TS-W-8	TS-W-8	TS-W-8	TS-W-8
Wire AWG From Distribution to Fuse Holders		TS-W-14	TS-W-14	TS-W-14	TS-W-14	TS-W-14
<b>Feedwater Motor: 3HP</b>	<b>Motor FLA (Amp): 4.8</b>	<b>Drive Input Current (Amp): 5.9</b>	<b>Drive MCCB Size (Amp): 15</b>		<b>Drive LPJ Fuse Size (Amp): 10</b>	
Number of Pumps		2	3	4	5	6
Total Fuses FLA Calculation (Amp)		17.9	23.8	29.7	35.6	41.5
Disconnect size (Amp)		30A	30A	30A	60A	60A
Main disconnect fuse size (Amp)		17.5	25	30	35	40
VSD Fuse holder (Amp)		30	30	30	30	30
Enclosure Size		24"X24"X10"	24"X24"X10"	24"X24"X10"	24"X24"X10"	24"X24"X10"
Wire AWG From Disconnect to Distribution		TS-W-8	TS-W-8	TS-W-8	TS-W-6	TS-W-6
Wire AWG From Distribution to Fuse Holders		TS-W-14	TS-W-14	TS-W-14	TS-W-14	TS-W-14
<b>Feedwater Motor: 5HP</b>	<b>Motor FLA (Amp): 7.6</b>	<b>Drive Input Current (Amp): 9.4</b>	<b>Drive MCCB Size (Amp): 20</b>		<b>Drive LPJ Fuse Size (Amp): 15</b>	
Number of Pumps		2	3	4	5	6
Total Fuses FLA Calculation (Amp)		26.4	35.8	45.2	54.6	64
Disconnect size (Amp)		30A	60A	60A	60A	100A
Main disconnect fuse size (Amp)		30	35	45	55	65
VSD Fuse holder (Amp)		30	30	30	30	30
Enclosure Size		24"X24"X10"	24"X24"X10"	24"X24"X10"	24"X24"X10"	24"X24"X10"
Wire AWG From Disconnect to Distribution		TS-W-8	TS-W-8	TS-W-6	TS-W-6	TS-W-4
Wire AWG From Distribution to Fuse Holders		TS-W-12	TS-W-12	TS-W-12	TS-W-12	TS-W-12
<b>Feedwater Motor: 7.5HP</b>	<b>Motor FLA (Amp): 11</b>	<b>Drive Input Current (Amp): 14</b>	<b>Drive MCCB Size (Amp): 35</b>		<b>Drive LPJ Fuse Size (Amp): 20</b>	
Number of Pumps		2	3	4	5	6
Total Fuses FLA Calculation (Amp)		36	50	64	78	92
Disconnect size (Amp)		60A	60A	100A	100A	100A
Main disconnect fuse size (Amp)		35	50	65	80	90
VSD Fuse holder (Amp)		30	30	30	30	30
Enclosure Size		24"X24"X10"	24"X24"X10"	24"X24"X10"	24"X24"X10"	24"X24"X10"
Wire AWG From Disconnect to Distribution		TS-W-6	TS-W-6	TS-W-6	TS-W-6	TS-W-4
Wire AWG From Distribution to Fuse Holders		TS-W-10	TS-W-10	TS-W-10	TS-W-10	TS-W-10

**VSD connections only, 480VAC, all motors, up to 6 pumps for DA or Surge, and up to 2 Pumps for Condensate tanks (continued)**

<b>Feedwater Motor HP: 10HP</b>	<b>Motor FLA (Amp): 14</b>	<b>Drive Input Current (Amp): 20</b>	<b>Drive MCCB Size (Amp): 50</b>		<b>Drive LPJ Fuse Size (Amp): 35</b>	
Number of Pumps		2	3	4	5	6
Total Fuses FLA Calculation (Amp)		57	77	97	117	137
Disconnect size (Amp)		60A	100A	100A	200A	200A
Main disconnect fuse size (Amp)		60	80	100	120	135
VSD Fuse holder (Amp)		60	60	60	60	60
Enclosure Size		24"X24"X10"	24"X24"X10"	24"X24"X10"	32"X32"X10"	32"X32"X10"
Wire AWG From Disconnect to Distribution		TS-W-6	TS-W-2	TS-W-2	TS-W-1/0	TS-W-2/0
Wire AWG From Distribution to Fuse Holders		TS-W-8	TS-W-8	TS-W-8	TS-W-8	TS-W-8
<b>Feedwater Motor: 15HP</b>	<b>Motor FLA (Amp): 21</b>	<b>Drive Input Current (Amp): 24</b>	<b>Drive MCCB Size (Amp): 60</b>		<b>Drive LPJ Fuse Size (Amp): 40</b>	
Number of Pumps		2	3	4	5	6
Total Fuses FLA Calculation (Amp)		66	90	114	138	162
Disconnect size (Amp)		100A	100A	200A	200A	200A
Main disconnect fuse size (Amp)		70	90	115	140	165
VSD Fuse holder (Amp)		60	60	60	60	60
Enclosure Size		24"X24"X10"	24"X24"X10"	32"X32"X10"	32"X32"X10"	32"X32"X10"
Wire AWG From Disconnect to Distribution		TS-W-4	TS-W-2	TS-W-1/0	TS-W-2/0	TS-W-2/0
Wire AWG From Distribution to Fuse Holders		TS-W-6	TS-W-6	TS-W-6	TS-W-6	TS-W-6
<b>Feedwater Motor: 20HP</b>	<b>Motor FLA (Amp): 27</b>	<b>Drive Input Current (Amp): 38</b>	<b>Drive MCCB Size (Amp): 90</b>		<b>Drive LPJ Fuse Size (Amp): 60</b>	
Number of Pumps		2	3	4	5	6
Total Fuses FLA Calculation (Amp)		100	138	176	214	252
Disconnect size (Amp)		100A	200A	200A	400A	400A
Main disconnect fuse size (Amp)		100	140	175	225	250
VSD Fuse holder (Amp)		60	60	60	60	60
Enclosure Size		24"X24"X10"	32"X32"X10"	32"X32"X10"	40"X32"X10"	40"X32"X10"
Wire AWG From Disconnect to Distribution		TS-W-2	TS-W-2/0	TS-W-2/0	TS-W-3/0	TS-W-3/0
Wire AWG From Distribution to Fuse Holders		TS-W-6	TS-W-6	TS-W-6	TS-W-6	TS-W-6
<b>Feedwater Motor: 25HP</b>	<b>Motor FLA (Amp): 34</b>	<b>Drive Input Current (Amp): 44</b>	<b>Drive MCCB Size (Amp): 110</b>		<b>Drive LPJ Fuse Size (Amp): 70</b>	
Number of Pumps		2	3	4	5	6
Total Fuses FLA Calculation (Amp)		116	160	204	248	292
Disconnect size (Amp)		200A	200A	200A	400A	400A
Main disconnect fuse size (Amp)		120	165	200	250	300
VSD Fuse holder (Amp)		100	100	100	100	100
Enclosure Size		40"X40"X12"	40"X40"X12"	40"X40"X12"	47"X40"X12"	47"X40"X12"
Wire AWG From Disconnect to Distribution		TS-W-1/0	TS-W-2/0	TS-W-2/0	TS-W-3/0	TS-W-4/0
Wire AWG From Distribution to Fuse Holders		TS-W-4	TS-W-4	TS-W-4	TS-W-4	TS-W-4

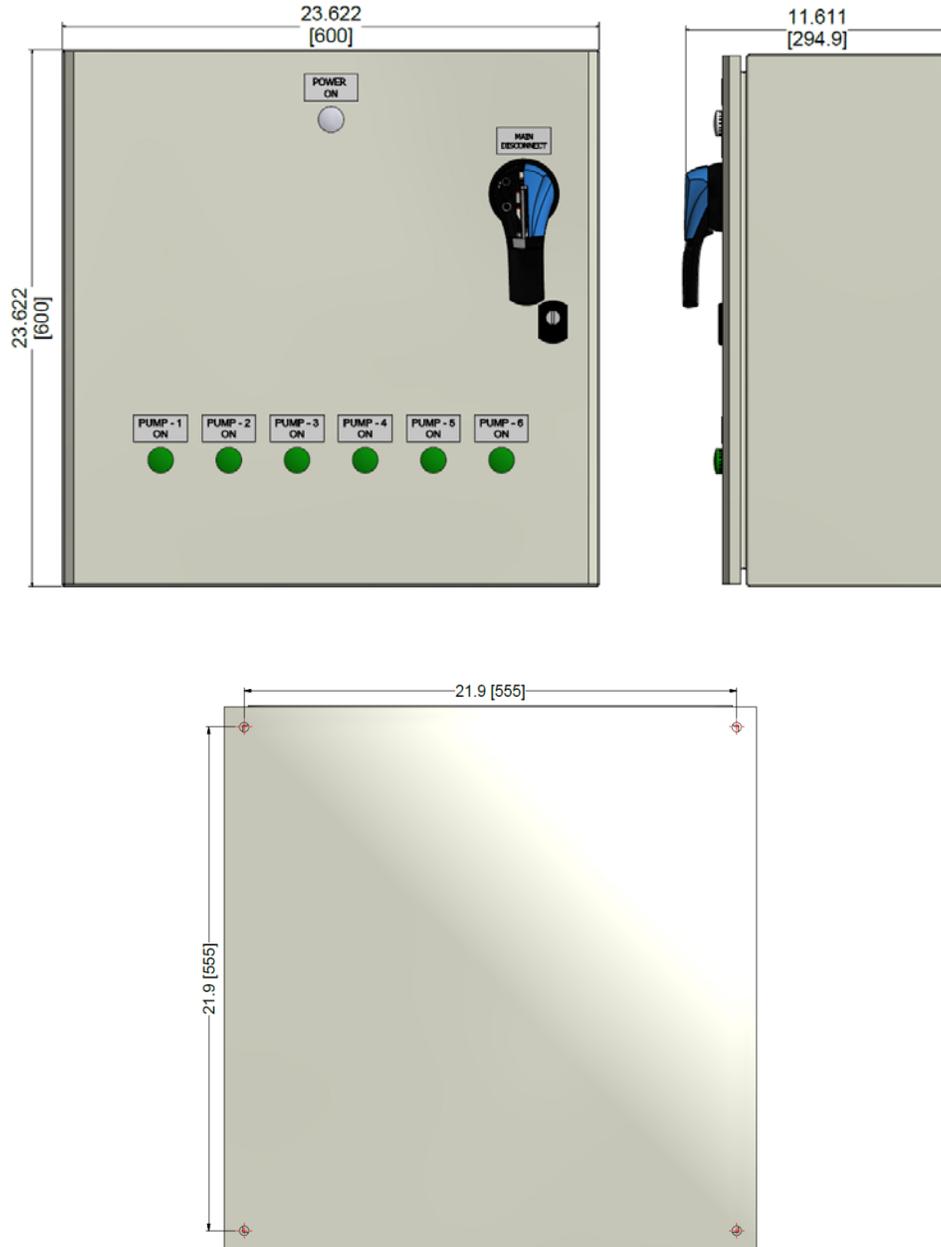
**VSD connections only, 480VAC, all motors, up to 6 pumps for DA or Surge, and up to 2 Pumps for Condensate tanks (continued)**

<b>Feedwater Motor: 40HP</b>	<b>Motor FLA (Amp): 52</b>	<b>Drive Input Current (Amp): 58</b>	<b>Drive MCCB Size (Amp): 100</b>		<b>Drive LPJ Fuse Size (Amp): 100</b>	
Number of Pumps		2	3	4	5	6
Total Fuses FLA Calculation (Amp)		160	218	276	334	392
Disconnect size (Amp)		200A	400A	400A	400A	400A
Main disconnect fuse size (Amp)		175	225	275	350	400
VSD Fuse holder (Amp)		100	100	100	100	100
Enclosure Size		40"X40"X12"	47"X40"X12"	47"X40"X12"	47"X40"X12"	47"X40"X12"
Wire AWG From Disconnect to Distribution		TS-W-2/0	TS-W-3/0	TS-W-4/0	TS-W-350Kcmil	TS-W-350Kcmil
Wire AWG From Distribution to Fuse Holders		TS-W-2	TS-W-2	TS-W-2	TS-W-2	TS-W-2
<b>Feedwater Motor: 50HP</b>	<b>Motor FLA (Amp): 65</b>	<b>Drive Input Current (Amp): 71</b>	<b>Drive MCCB Size (Amp): 125</b>		<b>Drive LPJ Fuse Size (Amp): 110</b>	
Number of Pumps		2	3	4	5	6
Total Fuses FLA Calculation (Amp)		183	254	325	396	467
Disconnect size (Amp)		200A	400A	400A	400A	N/A
Main disconnect fuse size (Amp)		200	250	350	400	N/A
VSD Fuse holder (Amp)		200	200	200	200	N/A
Enclosure Size		40"X40"X12"	47"X40"X10"	47"X40"X12"	47"X40"X12"	N/A
Wire AWG From Disconnect to Distribution		TS-W-2/0	TS-W-3/0	TS-W-4/0	TS-W-350Kcmil	N/A
Wire AWG From Distribution to Fuse Holders		TS-W-1/0	TS-W-1/0	TS-W-1/0	TS-W-1/0	N/A

## Dimensions

Dimensions in inches; millimeters in brackets

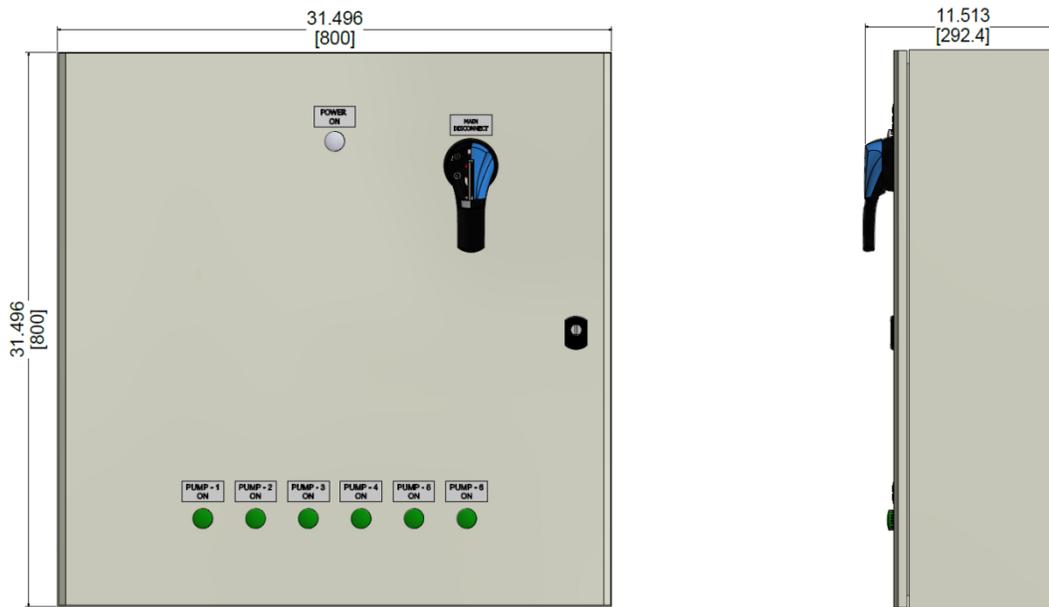
### 24" x 24" x 10" Combustion Enclosure



## Dimensions (continued)

Dimensions in inches; millimeters in brackets

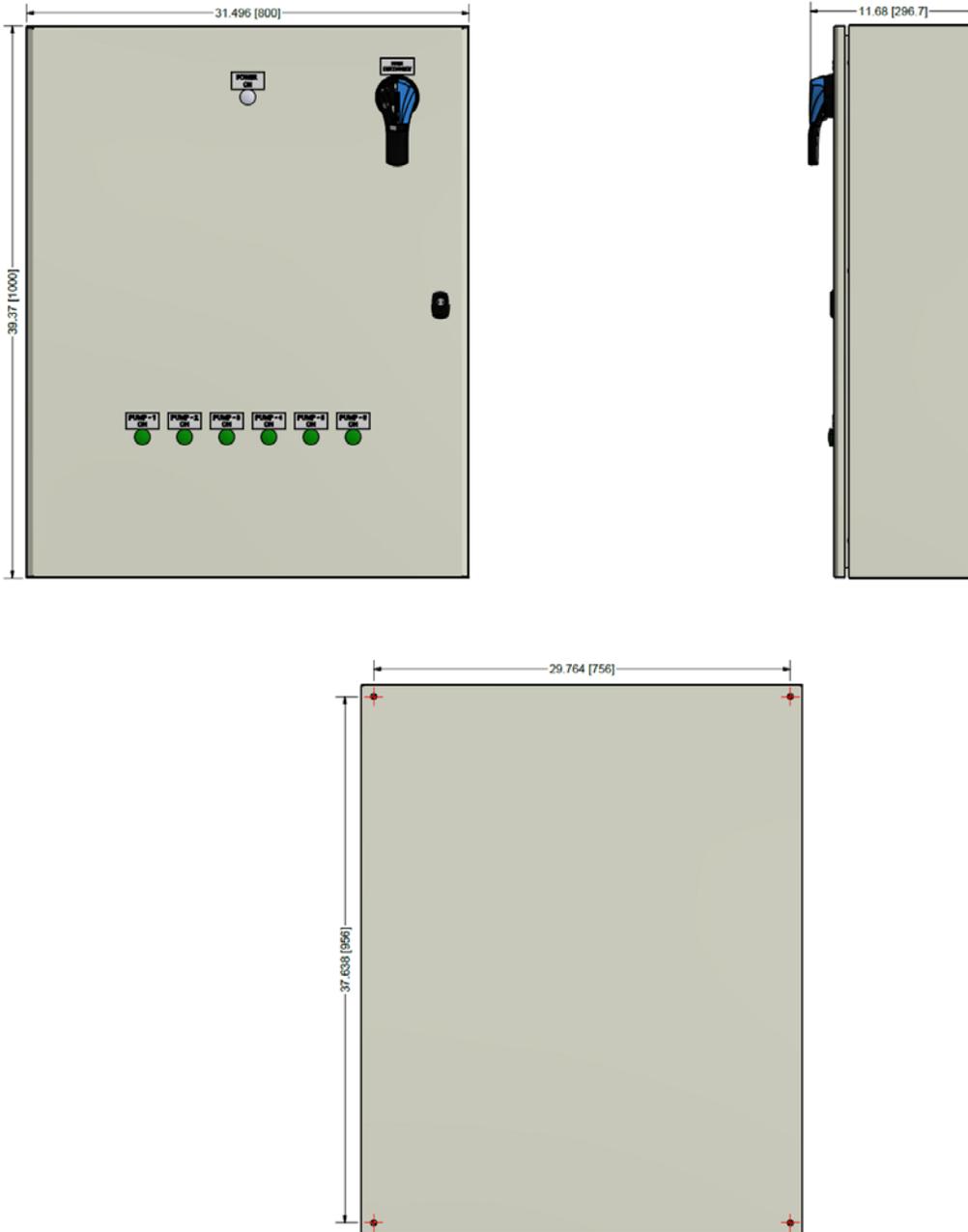
### 32" x 32" x 10" Combustion Enclosure



## Dimensions (continued)

Dimensions in inches; millimeters in brackets

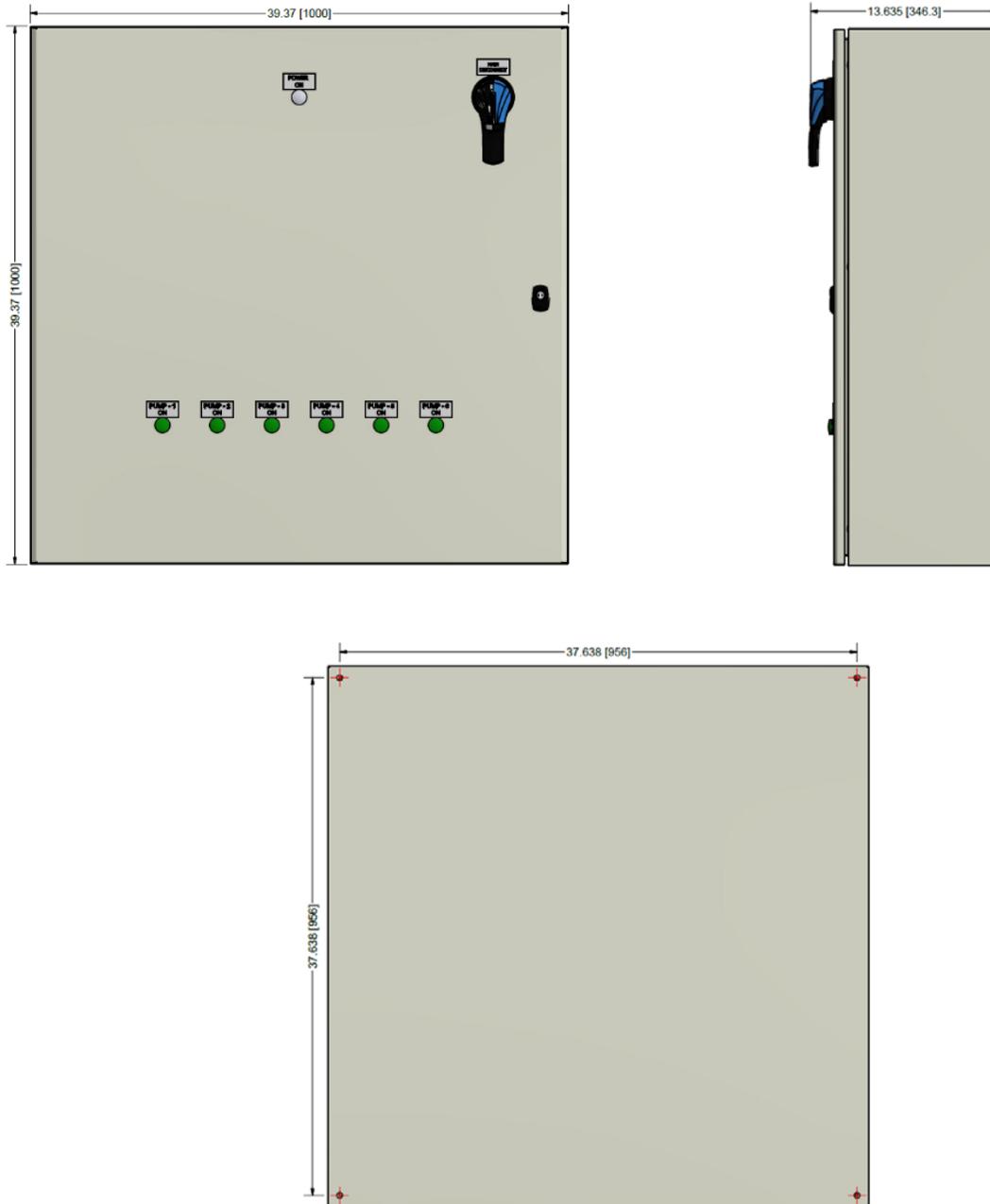
### 40" x 32" x 10" Combustion Enclosure



## Dimensions (continued)

Dimensions in inches; millimeters in brackets

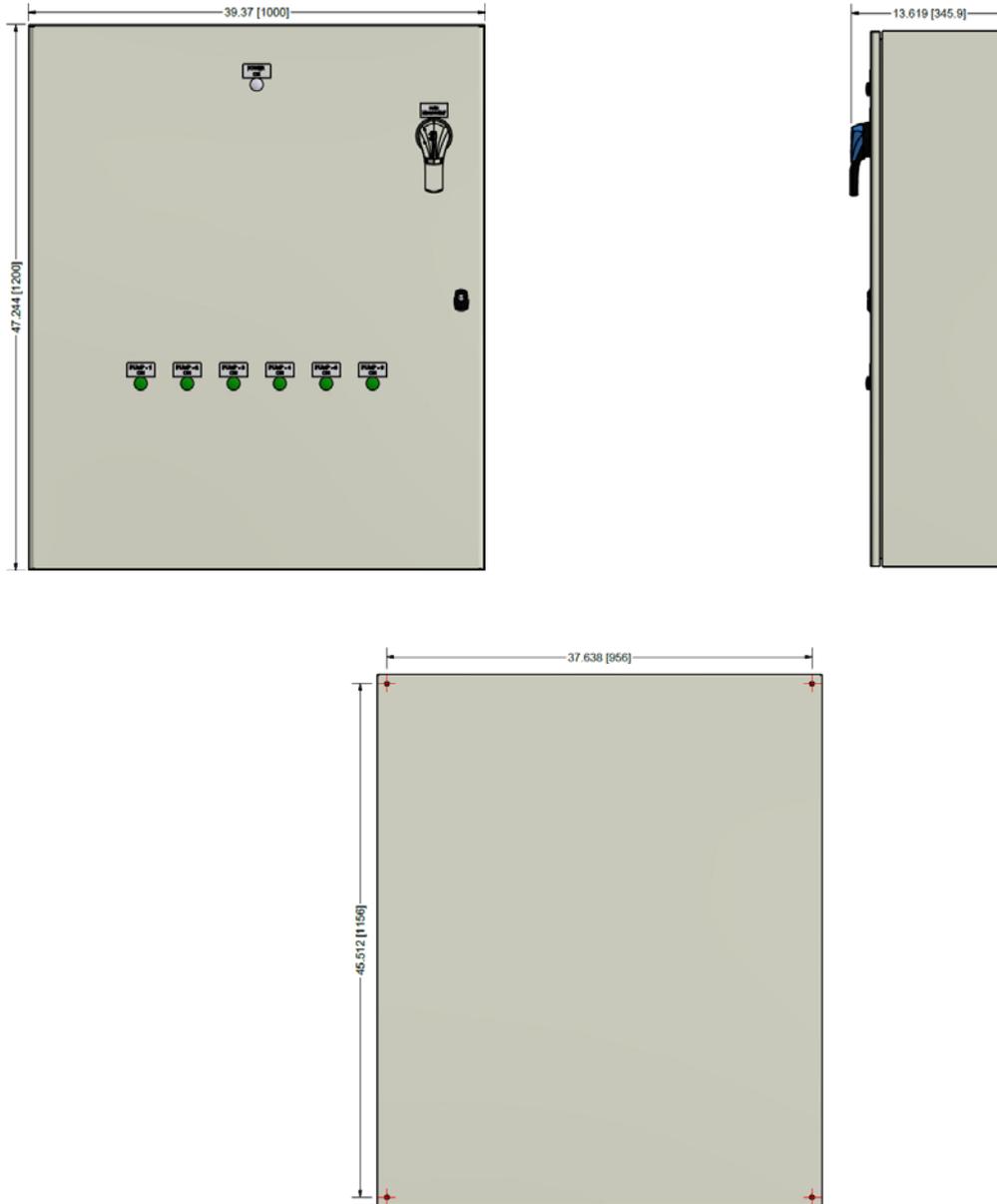
### 40" x 40" x 12" Combustion Enclosure



## Dimensions (continued)

Dimensions in inches; millimeters in brackets

### 47" x 40" x 12" Combustion Enclosure



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