

Title: **PANEL SELECTION GUIDE**

PANEL TO PUMP

Guide for selecting correct simplex or duplex panel for Sewage and large Effluent pumps based on voltage, amps and phase.

SXL21=3	FL102	LE41	LE51	LE52	LE71	LE72	LE102	LEH102	PRG101	PRG102
SXL24=3	FL102	LE41	LE51	LE52	LE71	LE72	LE102	LEH102	PRG101	PRG102
SXH21=3	FL152	FL202	LEH152	LEH202	LSG202	LSGX202				
SXH24=3	FL152	FL202	LEH152	LEH202	LSG202	LSGX202				
SXHC24=3	LSG202M-C	LSGX202M-C								

SIMPLEX THREE PHASE

SX34=3-131	LE74									
SX34=3-141	FL64	FL74	LE104							
SX34=3-171	FL63	FL104	FL154	FL204	LE73	LE103	LEH104	LEH154	LSG204	LSGX204
SX34=3-191	FL73	FL103	LEH103	LEH204						
SX34=3-511	FL153	FL203	LEH153	LEH203	LSG203	LSGX203				
SX54=3-121	LE105									
SX54=3-151	FL105	LEH105								
SX54=3-161	FL155	FL205	LEH155	LEH205	LSG205	LSGX205				

DUPLEX SINGLE PHASE

AE21L=3	FL102	LE41	LE51	LE52	LE71	LE72	LE102	LEH102	PRG101	PRG102
AE21L=4	FL102	LE41	LE51	LE52	LE71	LE72	LE102	LEH102	PRG101	PRG102
AE24L=3	FL102	LE41	LE51	LE52	LE71	LE72	LE102	LEH102	PRG101	PRG102
AE24L=4	FL102	LE41	LE51	LE52	LE71	LE72	LE102	LEH102	PRG101	PRG102
AE21H=3	FL152	FL202	LEH152	LEH202	LSG202	LSGX202				
AE21H=4	FL152	FL202	LEH152	LEH202	LSG202	LSGX202				
AE24H=3	FL152	FL202	LEH152	LEH202	LSG202	LSGX202				
AE24H=4	FL152	FL202	LEH152	LEH202	LSG202	LSGX202				
AE24HC=3	LSG202M-C	LSGX202M-C								

DUPLEX THREE PHASE

AE34=3-131	LE74									
AE34=4-131	LE74									
AE34=3-141	FL64	FL74	LE104							
AE34=4-141	FL64	FL74	LE104							
AE34=3-171	FL63	FL104	FL154	FL204	LE73	LE103	LEH104	LEH154	LSG204	LSGX204
AE34=4-171	FL63	FL104	FL154	FL204	LE73	LE103	LEH104	LEH154	LSG204	LSGX204
AE34=3-191	FL73	FL103	LEH103	LEH204						
AE34=4-191	FL73	FL103	LEH103	LEH204						
AE34=3-511	FL153	FL203	LEH153	LEH203	LSG203	LSGX203				
AE34=4-511	FL153	FL203	LEH153	LEH203	LSG203	LSGX203				
AE54=3-121	LE105									
AE54=4-121	LE105									
AE54=3-151	FL105	LEH105								
AE54=4-151	FL105	LEH105								
AE54=3-161	FL155	FL205	LEH155	LEH205	LSG205	LSGX205				
AE54=4-161	FL155	FL205	LEH155	LEH205	LSG205	LSGX205				

* PANELS IN "BOLD ITALICS" ARE NEMA 1 INDOOR RATED ONLY
ALL OTHERS ARE NEMA 4 INDOOR/OUTDOOR RATED

PUMP TO PANEL SELECTION GUIDE

VOLTAGE	LE SINGLE PHASE					
	SIMPLEX		DUPLEX		IP SIMPLEX	IP DUPLEX
	NEMA 1	NEMA 4	NEMA 1	NEMA 4		
LE41	SXL21=3	SXL24=3	AE21L=3 or 4	AE24L=3 or 4	IPS-24L	IPD-24L
LE51	SXL21=3	SXL24=3	AE21L=3 or 4	AE24L=3 or 4	IPS-24L	IPD-24L
LE52	SXL21=3	SXL24=3	AE21L=3 or 4	AE24L=3 or 4	IPS-24L	IPD-24L
LE71	SXL21=3	SXL24=3	AE21L=3 or 4	AE24L=3 or 4	IPS-24L	IPD-24L
LE72	SXL21=3	SXL24=3	AE21L=3 or 4	AE24L=3 or 4	IPS-24L	IPD-24L
LE102	SXL21=3	SXL24=3	AE21L=3 or 4	AE24L=3 or 4	IPS-24L	IPD-24L
LEH102	SXL21=3	SXL24=3	AE21L=3 or 4	AE24L=3 or 4	IPS-24L	IPD-24L
LEH152	SXH21=3	SXH24=3	AE21H=3 or 4	AE24H=3 or 4	IPS-24H	IPD-24H
LEH202	SXH21=3	SXH24=3	AE21H=3 or 4	AE24H=3 or 4	IPS-24H	IPD-24H

VOLTAGE	LE 3 PHASE					
	SIMPLEX		DUPLEX		IP SIMPLEX	IP DUPLEX
	SX34=3-171	SX34=3-131	AE34=3-171	(or =4-)		
LE73	SX34=3-171	SX34=3-131	AE34=3-171	(or =4-)	IPS-34-171	IPD-34-171
LE74	SX34=3-131	SX34=3-141	AE34=3-131	(or =4-)	IPS-34-131	IPD-34-131
LE103	SX34=3-171	SX34=3-141	AE34=3-171	(or =4-)	IPS-34-171	IPD-34-171
LE104	SX34=3-141	SX54=3-121	AE34=3-141	(or =4-)	IPS-34-141	IPS-34-141
LE105	SX54=3-121	SX34=3-191	AE54=3-121	(or =4-)	IPS-54-121	IPD-54-121
LEH103	SX34=3-191	SX34=3-171	AE34=3-191	(or =4-)	IPS-34-191	IPD-34-191
LEH104	SX34=3-171	SX54=3-151	AE34=3-171	(or =4-)	IPS-34-171	IPD-34-171
LEH105	SX54=3-151	SX34=3-511	AE54=3-151	(or =4-)	IPS-54-151	IPD-54-151
LEH153	SX34=3-511	SX34=3-171	AE34=3-511	(or =4-)	IPS-34-511	IPD-34-511
LEH154	SX34=3-171	SX54=3-161	AE34=3-171	(or =4-)	IPS-34-171	IPD-34-171
LEH155	SX54=3-161	SX34=3-511	AE54=3-161	(or =4-)	IPS-54-161	IPD-54-161
LEH203	SX34=3-511	SX34=3-191	AE34=3-511	(or =4-)	IPS-34-511	IPD-34-511
LEH204	SX34=3-191	SX54=3-161	AE34=3-191	(or =4-)	IPS-34-191	IPD-34-191
LEH205	SX54=3-161	SX54=3-161	AE54=3-161	(or =4-)	IPS-54-161	IPD-54-161

VOLTAGE	FL SINGLE PHASE					
	SIMPLEX		DUPLEX		IP SIMPLEX	IP DUPLEX
	NEMA 1	NEMA 4	NEMA 1	NEMA 4		
FL51	SXL21=3	SXL24=3	AE21L=3 or 4	AE24L=3 or 4	IPS-24L	IPD-24L
FL52	SXL21=3	SXL24=3	AE21L=3 or 4	AE24L=3 or 4	IPS-24L	IPD-24L
FL62	SXL21=3	SXL24=3	AE21L=3 or 4	AE24L=3 or 4	IPS-24L	IPD-24L
FL72	SXL21=3	SXL24=3	AE21L=3 or 4	AE24L=3 or 4	IPS-24L	IPD-24L
FL102	SXL21=3	SXL24=3	AE21L=3 or 4	AE24L=3 or 4	IPS-24L	IPD-24L
FL152	SXH21=3	SXH24=3	AE21H=3 or 4	AE24H=3 or 4	IPS-24H	IPD-24H
FL202	SXH21=3	SXH24=3	AE21H=3 or 4	AE24H=3 or 4	IPS-24H	IPD-24H

VOLTAGE	FL 3 PHASE					
	SIMPLEX		DUPLEX		IP SIMPLEX	IP DUPLEX
	SX34=3-171	SX34=3-141	AE34=3-171	(or =4-)		
FL63	SX34=3-171	SX34=3-141 <td>AE34=3-171</td> <td>(or =4-)</td> <td>IPS-34-171</td> <td>IPD-34-171</td>	AE34=3-171	(or =4-)	IPS-34-171	IPD-34-171
FL64	SX34=3-141	SX34=3-191 <td>AE34=3-141</td> <td>(or =4-)</td> <td>IPS-34-141</td> <td>IPS-34-141</td>	AE34=3-141	(or =4-)	IPS-34-141	IPS-34-141
FL73	SX34=3-191	SX34=3-141 <td>AE34=3-191</td> <td>(or =4-)</td> <td>IPS-34-191</td> <td>IPD-34-191</td>	AE34=3-191	(or =4-)	IPS-34-191	IPD-34-191
FL74	SX34=3-141	SX34=3-191 <td>AE34=3-141</td> <td>(or =4-)</td> <td>IPS-34-141</td> <td>IPS-34-141</td>	AE34=3-141	(or =4-)	IPS-34-141	IPS-34-141
FL103	SX34=3-191	SX34=3-171 <td>AE34=3-191</td> <td>(or =4-)</td> <td>IPS-34-191</td> <td>IPD-34-191</td>	AE34=3-191	(or =4-)	IPS-34-191	IPD-34-191
FL104	SX34=3-171	SX54=3-151 <td>AE34=3-171</td> <td>(or =4-)</td> <td>IPS-34-171</td> <td>IPD-34-171</td>	AE34=3-171	(or =4-)	IPS-34-171	IPD-34-171
FL105	SX54=3-151	SX34=3-511 <td>AE54=3-151</td> <td>(or =4-)</td> <td>IPS-54-151</td> <td>IPD-54-151</td>	AE54=3-151	(or =4-)	IPS-54-151	IPD-54-151
FL153	SX34=3-511	SX34=3-171 <td>AE34=3-511</td> <td>(or =4-)</td> <td>IPS-34-511</td> <td>IPD-34-511</td>	AE34=3-511	(or =4-)	IPS-34-511	IPD-34-511
FL154	SX34=3-171	SX54=3-161 <td>AE34=3-171</td> <td>(or =4-)</td> <td>IPS-34-171</td> <td>IPD-34-171</td>	AE34=3-171	(or =4-)	IPS-34-171	IPD-34-171
FL155	SX54=3-161	SX34=3-511 <td>AE54=3-161</td> <td>(or =4-)</td> <td>IPS-54-161</td> <td>IPD-54-161</td>	AE54=3-161	(or =4-)	IPS-54-161	IPD-54-161
FL203	SX34=3-511	SX34=3-191 <td>AE34=3-511</td> <td>(or =4-)</td> <td>IPS-34-511</td> <td>IPD-34-511</td>	AE34=3-511	(or =4-)	IPS-34-511	IPD-34-511
FL204	SX34=3-191	SX54=3-161 <td>AE34=3-191</td> <td>(or =4-)</td> <td>IPS-34-191</td> <td>IPD-34-191</td>	AE34=3-191	(or =4-)	IPS-34-191	IPD-34-191
FL205	SX54=3-161	SX54=3-161 <td>AE54=3-161</td> <td>(or =4-)</td> <td>IPS-54-161</td> <td>IPD-54-161</td>	AE54=3-161	(or =4-)	IPS-54-161	IPD-54-161

PUMP TO PANEL SELECTION GUIDE

GRINDER PUMP SINGLE PHASE				IP SIMPLEX	IP DUPLEX	
	SIMPLEX		DUPLEX			
	NEMA 1	NEMA 4	NEMA 1	NEMA 4		
LSG202	SXH21=3	SXH24=3	AE21H=3 or 4	AE24H=3 or 4	IPS-24H	IPD-24H
LSGX202	SXH21=3	SXH24=3	AE21H=3 or 4	AE24H=3 or 4	IPS-24H	IPD-24H
LSG202M-C		SXHC24=3		AE24HC=3	IPS-24HC	IPD-24HC
LSGX202M-C		SXHC24=3		AE24HC=3	IPS-24HC	IPD-24HC
PRG101	SXL21=3	SXL24=3	AE21L=3 or 4	AE24L=3 or 4	IPS-24L	IPD-24L
PRG102	SXL21=3	SXL24=3	AE21L=3 or 4	AE24L=3 or 4	IPS-24L	IPD-24L
GRINDER PUMP THREE PHASE				IP SIMPLEX	IP DUPLEX	
	SIMPLEX		DUPLEX			
LSG203	SX34=3-511		AE34=3-511	(or =4-)	IPS-34-511	IPD-34-511
LSGX203	SX34=3-511		AE34=3-511	(or =4-)	IPS-34-511	IPD-34-511
LSG204	SX34=3-171		AE34=3-171	(or =4-)	IPS-34-171	IPD-34-171
LSG205	SX54=3-161		AE54=3-161	(or =4-)	IPS-54-161	IPD-54-161
LSGX204	SX34=3-171		AE34=3-171	(or =4-)	IPS-34-171	IPD-34-171
LSGX205	SX54=3-161		AE54=3-161	(or =4-)	IPS-54-161	IPD-54-161
EXPLOSION PROOF FL				CAPACITOR KIT		
	SIMPLEX		DUPLEX			
XFL51	ISS24LC1=3		ISD24LC2=3		K001515	
XFL52	ISS24LC1=3		ISD24LC2=3		K001514	
XFL53	ISS34=3-171		ISD34=3-171			
XFL54	ISS34=3-141		ISD34=3-141			
XFL55	ISS54=3-151		ISD54=3-151			
XFL71	ISS24LC1=3		ISD24LC2=3		K001515	
XFL72	ISS24LC1=3		ISD24LC2=3		K001514	
XFL73	ISS34=3-171		ISD34=3-171			
XFL74	ISS34=3-141		ISD34=3-141			
XFL75	ISS54=3-151		ISD54=3-151			
EXPLOSION PROOF LE						
	SIMPLEX		DUPLEX			
XLE51	ISS24LC1=3		ISD24LC2=3		K001515	
XLE52	ISS24LC1=3		ISD24LC2=3		K001514	
XLE53	ISS34=3-141		ISD34=3-171			
XLE54	ISS34=3-131		ISD34=3-141			
XLE55	ISS54=3-121		ISD54=3-121			
XLE71	ISS24LC1=3		ISD24LC2=3		K001515	
XLE72	ISS24LC1=3		ISD24LC2=3		K001514	
XLE73	ISS34=3-171		ISD34=3-171			
XLE74	ISS34=3-131		ISD34=3-131			
XLE75	ISS54=3-121		ISD54=3-121			