



Panel Selection Guide

Guide for selecting correct simplex or duplex panels for sewage, grinder and large effluent pumps based on voltage, amps and phase.

Panel to Pump

Simplex ▪ Single 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=3-3	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=3-3	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				

Intelligent Panel ▪ Simplex ▪ Single Phase

IPS-24L	FL102	LE41	LE51	LE52	LE71	LE72	LE102	LEH102	PRG101	PRG102
IPS-24H	FL152	FL202	LEH152	LEH202	LSG202	LSGX202	LEH202			
IPS-24HC	LSG202M-C	LSGX202M-C								

Intelligent Panel ▪ Simplex ▪ Three Phase

IPS-34-131	LE74									
IPS-34-141	FL64	FL74	LE104							
IPS-34-171	FL63	FL104	FL154	FL204	LE73	LE103	LEH104	LEH154	LSG204	LSGX204
IPS-34-191	FL73	FL103	LEH103	LEH204						
IPS-34-511	FL153	FL203	LEH153	LEH203	LSG203	LSGX203				
IPS-54-121	LE105									
IPS-54-151	FL105	LEH105								
IPS-54-161	FL155	FL205	LEH155	LEH205	LSG205	LSGX205				

Intelligent Panel ▪ Duplex ▪ Single Phase

IPD-24L	FL102	LE41	LE51	LE52	LE71	LE72	LE102	LEH102	PRG101	PRG102
IPD-24H	FL152	FL202	LEH152	LEH202	LSG202	LSGX202	LEH202			
IPD-24HC	LSG202M-C	LSGX202M-C								

Intelligent Panel ▪ Duplex ▪ Three Phase

IPD-34-131	LE74									
IPD-34-141	FL64	FL74	LE104							
IPD-34-171	FL63	FL104	FL154	FL204	LE73	LE103	LEH104	LEH154	LSG204	LSGX204
IPD-34-191	FL73	FL103	LEH103	LEH204						
IPD-34-511	FL153	FL203	LEH153	LEH203	LSG203	LSGX203				
IPD-54-121	LE105									
IPD-54-151	FL105	LEH105								
IPD-54-161	FL155	FL205	LEH155	LEH205	LSG205	LSGX205				

Intrinsically Safe ▪ Simplex (Explosion Proof) Requires cap kit (Sold separately) See pages 4-5

ISS24HS1=3-5	XLSGX202	XLSGX208	XLSGX202	XLSGX208								
ISS24LC1=3-5	XFL51	XFL52	XFL71	XFL72	XLE51	XLE52	XLE71	XLE72	XLE102	XLE152	XFL102	XFL152
ISS34=3-131-5	XLE54	XLE74										
ISS34=3-141-5	XFL54	XFL74	XLE53									
ISS34=3-171-5	XFL53	XFL73	XLE73	XLE104	XLE154	XFL104	XFL154					
ISS34=3-191-5	XLE103	XLE153	XFL103	XFL153	XLSGX204	LSGX204						
ISS34=3-511-5	XLSGX203	XLSGX203										
ISS54=3-121-5	XFL55	XLE55	XLE75									
ISS54=3-151-5	XFL75	XLE105	XLE155	XFL105	XFL155							
ISS54=3-161-5	XLSGX205	XLSGX205										

Intrinsically Safe ▪ Duplex (Explosion Proof) Requires cap kit (Sold separately) See pages 4-5

ISD24HS2=3-5	XLSGX202	XLSGX208	XLSGX202	XLSGX208								
ISD24LC2=3-5	XFL51	XFL52	XFL71	XFL72	XLE51	XLE52	XLE71	XLE72	XLE102	XLE152	XFL102	XFL152
ISD34=3-131-5	XLE54	XLE74										
ISD34=3-141-5	XFL54	XFL74	XLE53									
ISD34=3-171-5	XFL53	XFL73	XLE73	XLE104	XLE154	XFL104	XFL154					
ISD34=3-191-5	XLE103	XLE153	XFL103	XFL153	XLSGX204	LSGX204						
ISD34=3-511-5	XLSGX203	XLSGX203										
ISD54=3-121-5	XFL55	XLE55	XLE75									
ISD54=3-151-5	XFL75	XLE105	XLE155	XFL105	XFL155							
ISD54=3-161-5	XLSGX205	XLSGX205										

Model	Simplex		Duplex		IP Simplex	IP Duplex
	NEMA 1	NEMA 4X	NEMA 1	NEMA 4X		
LE-Series ■ Single Phase						
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

LE-Series ■ Three Phase

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

FL-Series ■ Single Phase

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
FLH61	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

FL-Series ■ Three Phase

FL63		SX34=3-171		AE34=3-171 (or =4-)	IPS-34-171	IPD-34-171
FL64		SX34=3-141		AE34=3-141 (or =4-)	IPS-34-141	IPD-34-141
FL73		SX34=3-191		AE34=3-191 (or =4-)	IPS-34-191	IPD-34-191
FL74		SX34=3-141		AE34=3-141 (or =4-)	IPS-34-141	IPD-34-141
FL103		SX34=3-191		AE34=3-191 (or =4-)	IPS-34-191	IPD-34-191
FL104		SX34=3-171		AE34=3-171 (or =4-)	IPS-34-171	IPD-34-171
FL105		SX54=3-151		AE54=3-151 (or =4-)	IPS-54-151	IPD-54-151
FL153		SX34=3-511		AE34=3-511 (or =4-)	IPS-34-511	IPD-34-511
FL154		SX34=3-171		AE34=3-171 (or =4-)	IPS-34-171	IPD-34-171
FL155		SX54=3-161		AE54=3-161 (or =4-)	IPS-54-161	IPD-54-161
FL203		SX34=3-511		AE34=3-511 (or =4-)	IPS-34-511	IPD-34-511
FL204		SX34=3-171		AE34=3-171 (or =4-)	IPS-34-171	IPD-34-171
FL205		SX54=3-161		AE54=3-161 (or =4-)	IPS-54-161	IPD-54-161

	Simplex		Duplex			
Model	NEMA 1	NEMA 4X	NEMA 1	NEMA 4X		
Grinder Pump - Single Phase					IP Simplex	IP Duplex
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=3-3		AE24HC=3-3	IPS-24HC	IPD-24HC
LSGX202M-C		SXHC24=3-3		AE24HC=3-3	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

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

Intrinsically Safe - FL-Series (Explosion Proof)

Capacitor Kit

XFL51		ISS24LC1=3-5		ISD24LC2=3-5	K001515
XFL52		ISS24LC1=3-5		ISD24LC2=3-5	K001514
XFL53		ISS34=3-171-5		ISD34=3-171-5	
XFL54		ISS34=3-141-5		ISD34=3-141-5	
XFL55		ISS54=3-121-5		ISD54=3-121-5	
XFL71		ISS24LC1=3-5		ISD24LC2=3-5	K001515
XFL72		ISS24LC1=3-5		ISD24LC2=3-5	K001514
XFL73		ISS34=3-171-5		ISD34=3-171-5	
XFL74		ISS34=3-141-5		ISD34=3-141-5	
XFL75		ISS54=3-151-5		ISD54=3-151-5	
XFL102		ISS24LC1=3-5		ISD24LC2=3-5	K001585
XFL103		ISS34=3-191-5		ISD34=3-191-5	
XFL104		ISS34=3-171-5		ISD34=3-171-5	
XFL105		ISS54=3-151-5		ISD54=3-151-5	
XFL152		ISS24LC1=3-5		ISD24LC2=3-5	K001585
XFL153		ISS34=3-191-5		ISD34=3-191-5	
XFL154		ISS34=3-171-5		ISD34=3-171-5	
XFL155		ISS54=3-151-5		ISD54=3-151-5	

Intrinsically Safe - LE-Series (Explosion Proof)

XLE51		ISS24LC1=3-5		ISD24LC2=3-5	K001514
XLE52		ISS24LC1=3-5		ISD24LC2=3-5	K001513
XLE53		ISS34=3-141-5		ISD34=3-141-5	
XLE54		ISS34=3-131-5		ISD34=3-131-5	
XLE55		ISS54=3-121-5		ISD54=3-121-5	
XLE71		ISS24LC1=3-5		ISD24LC2=3-5	K001514
XLE72		ISS24LC1=3-5		ISD24LC2=3-5	K001513
XLE73		ISS34=3-171-5		ISD34=3-171-5	
XLE74		ISS34=3-131-5		ISD34=3-131-5	
XLE75		ISS54=3-121-5		ISD54=3-121-5	
XLE102		ISS24LC1=3-5		ISD24LC2=3-5	K001585
XLE103		ISS34=3-191-5		ISD34=3-191-5	
XLE104		ISS34=3-171-5		ISD34=3-171-5	
XLE105		ISS54=3-151-5		ISD54=3-151-5	
XLE152		ISS24LC1=3-5		ISD24LC2=3-5	K001585
XLE153		ISS34=3-191-5		ISD34=3-191-5	
XLE154		ISS34=3-171-5		ISD34=3-171-5	
XLE155		ISS54=3-151-5		ISD54=3-151-5	

Pump to Panel Continued

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	Simplex		Duplex		
Model	NEMA 1	NEMA 4X	NEMA 1	NEMA 4X	
Intrinsically Safe ■ LSG-Series (Explosion Proof)					Capacitor Kit
XLSG208		ISS24HS1=3-5		ISD24HS2=3-5	K001640
XLSGX208		ISS24HS1=3-5		ISD24HS2=3-5	K001640
XLSG202		ISS24HS1=3-5		ISD24HS2=3-5	K001641
XLSGX202		ISS24HS1=3-5		ISD24HS2=3-5	K001641
XLSG203		ISS34=3-511-5		ISD34=3-511-5	
XLSGX203		ISS34=3-511-5		ISD34=3-511-5	
XLSG204		ISS34=3-191-5		ISD34=3-191-5	
XLSGX204		ISS34=3-191-5		ISD34=3-191-5	
XLSG205		ISS54=3-161-5		ISD54=3-161-5	
XLSGX205		ISS54=3-161-5		ISD54=3-161-5	