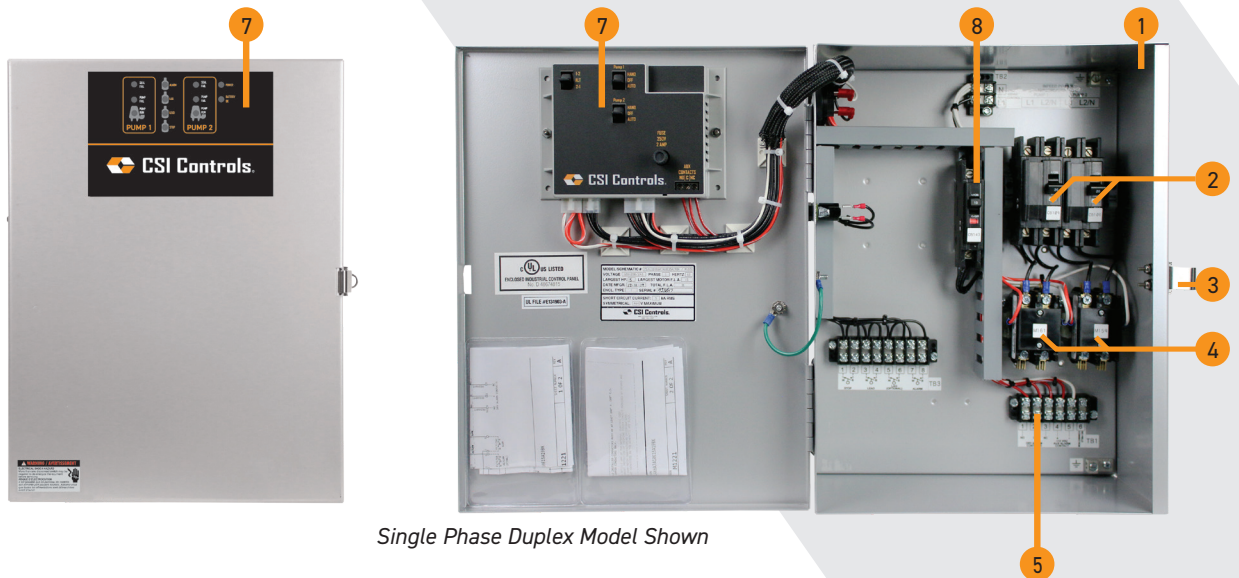


PRO-Grade™

Advanced Single Phase Control Panels for Commercial Applications



Single Phase Duplex Model Shown

PRO-Grade™ (PG) control panels provide a convenient, flexible platform for a wide range of commercial applications. The PG panels can be configured for simplex and duplex pump control and with line voltage from 120/240 VAC. A large selection of configurable options is available.

All PG panels provide low voltage (12 VDC) interfaces for floats and other sensor control connections, and are available with optional intrinsically safe float connections, conforming with UL 508A and UL 698A standards. A 12V remote alarm interface is standard on the PG panels, compatible with the CSI Controls part #1063912 Lobby Alarm. Optional 12V battery backup capabilities. Leads provided. Battery not included.

External lightning arrestor available:

- 1014320 Hub
- 1028311 Single Phase Lightning Arrestor

BASIC CONFIGURATIONS

- **PG2** Single Phase Simplex
- **PG4** Single Phase Duplex



COMPONENTS

1. NEMA 1 enclosure for indoor use or NEMA 4X enclosure for outdoor use
2. Circuit breaker(s)
3. Lockable latch
4. Magnetic motor contactor(s)
5. Terminal block
6. Optional intrinsically safe module (not shown)
7. Pump controller with status indicators
 - a. Hand/Off/Auto Switches Pump 1 and Pump 2 (duplex only)
 - b. Control/alarm fuse
 - c. Optional adjustable seal failure
 - d. Form C powered contacts
 - e. Pump selector switch (Alt, 1-2, 2-1)
 - f. Pump Run 1 indicator (optional Seal Failure & Temp Failure)
 - g. Pump Run 2 indicator (duplex only) (optional Seal Failure & Temp Failure)
 - h. Float status - Alarm, Lag (duplex only), Start, Stop
 - i. Power indicator
 - j. Battery OK indicator
8. Alarm/control power circuit breaker



Toll Free: 888-342-5753 • Fax: 218-847-4617
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www.csicontrols.com

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**PRO-GRADE SINGLE PHASE SIMPLEX PANELS				
MODEL #	FLA RANGE	ENCLOSURE TYPE	INPUT POWER VAC - PH	CIRCUIT BREAKERS
PG21I104X6A7A10E15A19X	0-7	NEMA 1	115/230-1	Motor & Control/Alarm
PG21W104X6A7A10E15A19X	0-7	NEMA 4X	115/230-1	Motor & Control/Alarm
PG21I114X6A7A10E15A19X	7-15	NEMA 1	115/230-1	Motor & Control/Alarm
PG21W114X6A7A10E15A19X	7-15	NEMA 4X	115/230-1	Motor & Control/Alarm
PG21I124X6A7A10E15A19X	15-20	NEMA 1	115/230-1	Motor & Control/Alarm
PG21W124X6A7A10E15A19X	15-20	NEMA 4X	115/230-1	Motor & Control/Alarm
PG21I134X6A7A10E15A19X	20-30	NEMA 1	115/230-1	Motor & Control/Alarm
PG21W134X6A7A10E15A19X	20-30	NEMA 4X	115/230-1	Motor & Control/Alarm
**PRO-GRADE SINGLE PHASE DUPLEX PANELS				
MODEL #	FLA RANGE	ENCLOSURE TYPE	INPUT POWER VAC - PH	CIRCUIT BREAKERS
PG41I104X6A7A10E15A19BX	0-7	NEMA 1	115/230-1	Motor & Control/Alarm
PG41W104X6A7A10E15A19BX	0-7	NEMA 4X	115/230-1	Motor & Control/Alarm
PG41I114X6A7A10E15A19BX	7-15	NEMA 1	115/230-1	Motor & Control/Alarm
PG41W114X6A7A10E15A19BX	7-15	NEMA 4X	115/230-1	Motor & Control/Alarm
PG41I124X6A7A10E15A19BX	15-20	NEMA 1	115/230-1	Motor & Control/Alarm
PG41W124X6A7A10E15A19BX	15-20	NEMA 4X	115/230-1	Motor & Control/Alarm
PG41I134X6A7A10E15A19BX	20-30	NEMA 1	115/230-1	Motor & Control/Alarm
PG41W134X6A7A10E15A19BX	20-30	NEMA 4X	115/230-1	Motor & Control/Alarm
OPTIONS	DESCRIPTION			
1P	Red Alarm			
3A	Beacon Flasher (option 1P required)			
3H	Beacon Steady On, Flash On Alarm (option 1P required)			
5AD	Overtemp Shutdown + Alarm			
5EM	Seal Fail Indication			
6A	Auxiliary Contacts, Form C (included as standard)			
7A	Powered Normally Open Alarm Contacts (included as standard)			
8F	Door Mounted ETM			
10E	Lockable Latch (included as standard)			
10K	Anti-Condensation Heater			
15A	Control/Alarm Circuit Breaker (included as standard)			
19B	Duplex Alternation (duplex models only, included as standard)			
19X	Door Mounted Pump Run Indicator (included as standard)			
27A	Intrinsically Safe Barrier			

Example with PRO-Grade™ Single Phase Simplex Panel, NEMA 4X Enclosure, FLA Range of 15-20, Red Alarm with Beacon Flasher and Door Mounted ETM:

PG21W124X1P3A6A7A8F10E19X = \$1,455.00 List



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