

Custom Engineered Control Panels

Leading Edge Design

Alderon's custom engineered control panels are designed to meet your specifications. Alderon's customer service quickly prepares quotes so you can bid your job fast. Submittals may be obtained upon request. Call for a complete quote.



Typical Features

Variable Frequency Drives
Reduced Voltage Starters
Telemetry
Programmable Logic Controllers
Capacitor Start/Run
Inner Dead Front Door
Timers
Phase Loss Relays
Lightning Arrestors
Fused Disconnects
Generator Transfer Switches
Elapsed Time Meters
Event Counters
Intrinsically Safe Relays
Auto-Dialers
Anti-Condensation Heaters
Convenience Outlets
Seal Fail
Thermal Cut-out
And Many More ...

Typical Applications

- ▶ Alarm panels
- ▶ Aerobic wastewater treatment
- ▶ Grinder stations
- ▶ Intrinsically safe applications
- ▶ Irrigation controllers
- ▶ Lift stations
- ▶ On-site sewage treatment
- ▶ Potable water
- ▶ Storm water
- ▶ Timed applications
- ▶ Well water

Typical Level Controls

- ▶ Float switches
- ▶ Pressure switches
- ▶ Pressure transmitters
- ▶ Ultrasonic transmitters

UL Listing

Industrial Control Panel
(UL 508A)
or
Enclosed Industrial Control
Panels Relating to Hazardous
Locations with Intrinsically
Safe Circuit Extensions
(UL 698A)



Leading Edge Control Products

Alarm Systems

Control Panels

Float Switches

Leak Detection Systems

Custom Engineered Control Panels

Alderon Industries, LLC Custom Panel Data Form

Company Name:	Date:
Contact:	Specification attached: <input type="checkbox"/> Yes <input type="checkbox"/> No
Phone:	Fax:

Pump Information

Voltage: _____ Phase: _____ FLA: _____ HP: _____	<input type="checkbox"/> Seal fail circuit	<input type="checkbox"/> Thermal cut-out
Model #: _____	<input type="checkbox"/> Start components required	Other: _____

Incoming Power

Line voltage: _____	<input type="checkbox"/> Single phase	<input type="checkbox"/> Three phase	<input type="checkbox"/> Two wire	<input type="checkbox"/> Three wire	<input type="checkbox"/> Four wire
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Enclosure Selection

<input type="checkbox"/> NEMA 1 (Indoor)	<input type="checkbox"/> NEMA 3R (Outdoor – rain proof)	<input type="checkbox"/> NEMA 4X (Outdoor – hose down water proof)
<input type="checkbox"/> Other _____	<input type="checkbox"/> Fiberglass	<input type="checkbox"/> Metal
		<input type="checkbox"/> Inner dead front door

Pump Control Section

Starters:	<input type="checkbox"/> Definite purpose	<input type="checkbox"/> IEC	<input type="checkbox"/> Other: _____
Pump protection:	<input type="checkbox"/> Overload protection	<input type="checkbox"/> Circuit breaker	<input type="checkbox"/> Fuse

Alarm Section

<input type="checkbox"/> Beacon	<input type="checkbox"/> Indicator (door mounted)	<input type="checkbox"/> Flasher	<input type="checkbox"/> Horn	<input type="checkbox"/> Alarm auxiliary contacts (non-powered)
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Level Monitoring

Floats #: _____	Length: _____	<input type="checkbox"/> Pipe strap	<input type="checkbox"/> External weight
<input type="checkbox"/> Other: _____			
<input type="checkbox"/> Timer - explain function of timer: _____			
<input type="checkbox"/> Intrinsically safe: _____			

Explain sequence of operation and other options (please attach specification if possible):



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