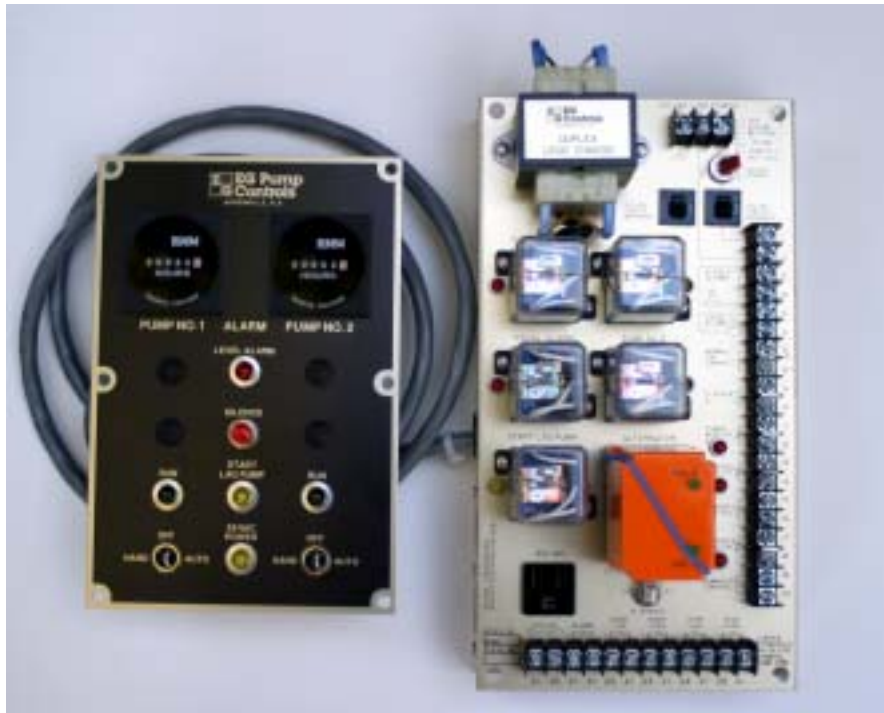


Product Overview

The duplex Logic Control System is an anodized aluminum sub-assembly with a logic panel. The system consists of a logic chassis mounted on the back panel connected by a multi-conductor cable to a logic panel mounted on the inner door.

The purpose of the Logic Control System is to incorporate all relay logic functions into one integrated unit. With no mechanical, moving parts, the Logic Control System adds to the reliability of any control panel. It is exclusively available from EG Controls.



Product Functions

The Logic Panel includes the following:

- ** Hand-Off-Automatic (HOA) Switches (2)
- ** Run Pilot Lights (2)
- ** 24V Power ON Pilot Light
- ** Start Lag Pump Light
- ** Alarm Silence Pushbutton
- ** Level Alarm Light
- ** Reset Pushbutton (Optional)
- ** Elapse Time Meters (Optional)
- ** Space for Additional Controls (Optional)

Note: Unit can be modified, upon request, to include Seal Leak, Overtemperature Indicator Lights and Time Delay for Lag Pump.

The Logic Chassis includes the following:

- ** Duplex Alternator
- ** Lead Pump Selector Switch
- ** Control Relay with Status Light (5)
- ** Duplex Convenience Receptacle (Side Mounted)
- ** Simplex Convenience Receptacle (Front Mounted)
- ** Pump Monitor Status Light
- ** Control, Monitoring and Alarm Output Terminals, 20 pt
- ** 120VAC Circuit Breaker
- ** 120VAC Power ON-OFF Switch
- ** 120VAC Incoming Power Terminals, 3 pt
- ** Class II Transformer
- ** Lag Pump Time Delay (Optional)

Suggested Text for Spec Writers

"This system shall consist of a logic chassis mounted on the back panel and connected by a multi-conductor cable to a logic panel mounted on the inner door. This duplex logic control system consisting of the logic chassis combined with the logic panel shall be a pre-wired assembly constructed of corrosion resistant anodized aluminum and be silk screened with numbers, letters and graphic symbols to indicate the functions of each device or connection point. The duplex logic chassis shall contain: a 120 VAC control power OFF-ON switch, circuit

breakers for 120 and 24 VAC, 120/24 VAC Class II control transformer, lead pump selector switch, simplex and duplex 120 VAC receptacles, five control relays with separate, mounted LED indicators, duplex alternator, three terminal strips and LED indicators for two pump monitors and one power monitor. The standard logic panel shall contain: two HOA switches, two run LED indicators, one 24 VAC power ON LED indicator, one start LAG pump LED indicator, one level alarm LED indicator and one silence push button."

Manufacturer Information

The Logic Control System is exclusively available from:



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Email: sales@egcontrols.com
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