



The Pump Logic, float based pump controller can control from 1 to 4 pumps in either pump up or pump down mode. The controller accepts up to 5 floats via intrinsically safe inputs. Pump Logic can operate pumps in an alternating or non-alternating fashion, it can indicate high, low and out of sequence alarms and pumps can be disabled via DIP switches. The controller uses an adjustable pump delay to stagger start pumps. The unit can be DIN rail or surface mounted.

Part Number	Description
ILK-CB1000-01	Pump Logic - float based pump controller, 5 intrinsically safe float inputs, 4 control inputs, 5 relay outputs

## Controller Specifications

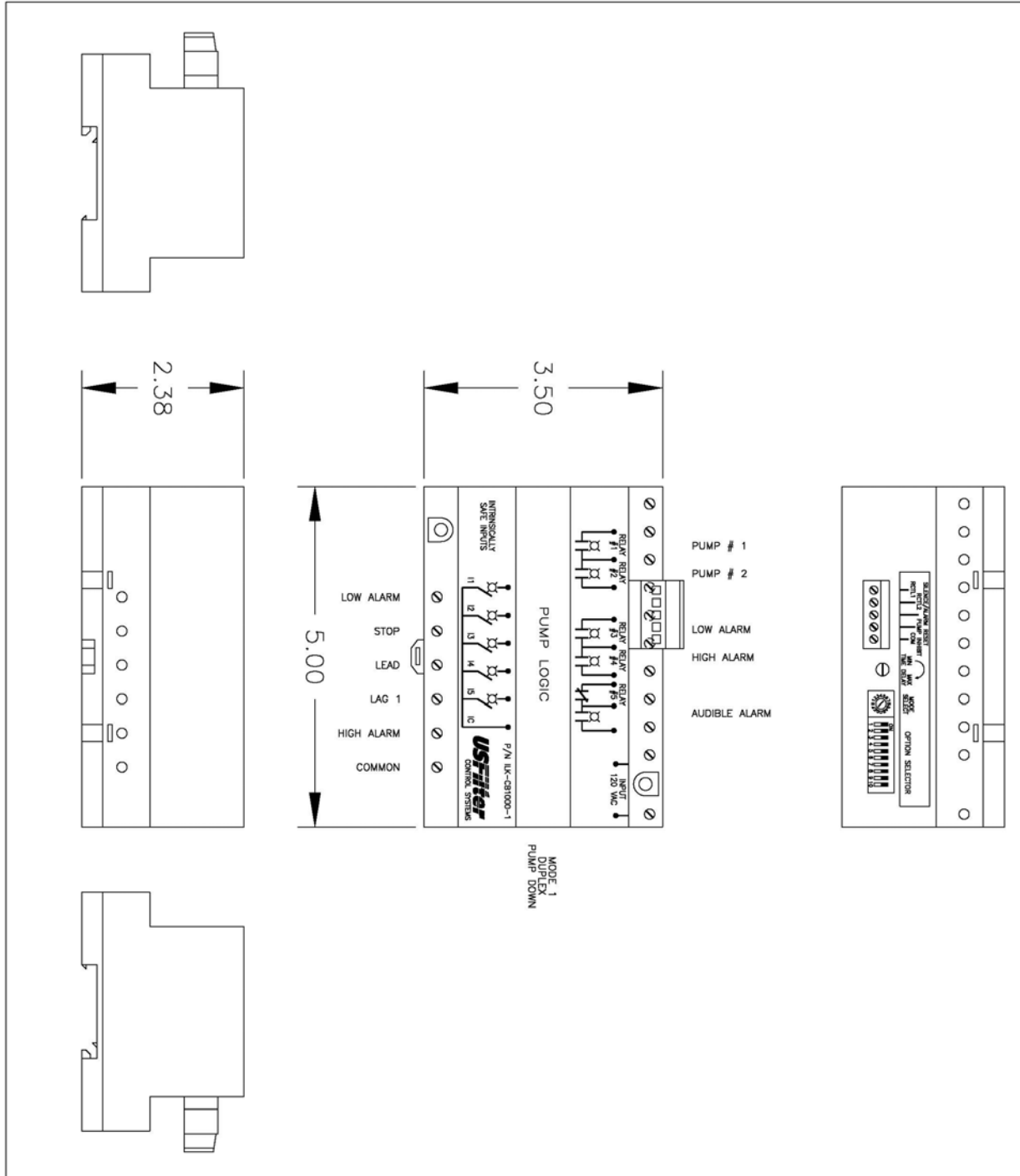
Power	
Input Power	120 VAC
Max Power Consumption	5 Watts

Physical	
Mounting	DIN rail (EN50022) or surface mount
Size	3.5" X 5.0" X 2.35"
Terminals	Finger safe, 12-20AWG
Weight	1.2 lb
Environmental	
Temperature	-20 ~ 55°C
Humidity	10 ~ 90% (non-condensing)

<b>Intrinsic Safety Rating</b>	
UL Listing	UL913
Intrinsic Safety Locations	Class I, Div 1&2, Groups A,B,C,D Class II, Groups E, F, G Class III
Entity Parameters	Voc = 16.8 V Isc = 1.7 mA La = 0 Ca = 0
Certifications	CE IEC 61000-4 for Electrostatic Discharge, Radio Frequency Immunity and Fast Transients

<b>Outputs</b>	
General Purpose Relay rating	7 Amps @ 240 VAC
Pilot Duty Relay Rating	480 VA @ 240 VAC, B300
Form A, normally open	Four
Form C	One
<b>Inputs</b>	
Float Inputs	Five, intrinsically safe
Control Inputs, dry contact, isolated	Alarm Silence Pump Inhibit Lead Pump Select (1 or 2)
Configuration Inputs	Time Delay (potentiometer) Mode Select (rotary switch) Option Select (DIP switches)

Unit Dimensions



### Typical Application

