



# ACL CSC400 Combustion Safety Controller



- CSA approved for Class I Div 2 location, CSA B149.3-15, E60730-1-2013, ANSI Z21.20-2014, CAN/CSA C22.2 No. 60730-2-5-2014 Compliant, meets NFPA standards
- Type 4X enclosure, corrosive resistant and weatherproof
- Easy to navigate menu system
- Modbus communications built in.
- Low power consumption
- 100% Failsafe design
- Customizable 4-line display
- Onboard solenoid driver for power reduction to solenoids and peak-hold solenoids
- Three adjustable type-K thermocouple inputs for monitoring process temperatures and high temperature
- Pilotless or continuous pilot operation
- Full annunciation of shutdowns: flame fail, power fail, level, remote S/D, pressure, high temperature, proof of closure and more.
- Monitor gas flow and tank levels
- Two 4-20 mA Inputs
- Two 4-20 mA Outputs
- Single or Dual Burner Controls
- Three solenoid outputs for each burner
- Large accessible box
- Ignition module mounted on board or remotely
- 12/24 VDC and solar
- Operational ambient temperature of -40° to + 60° C (Celsius or Fahrenheit readout)



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The **ACL CSC400 Combustion Safety Controller** is a leading edge **burner management system** which provides burner ignition and flame fail sensing for single or dual burner applications. It monitors three separate thermocouple inputs that can be used for temperature control in process applications such as **tanks, line heaters, re-boilers** or any other applications where accurate temperature monitoring and/or control is required. The CSC400 can be configured to be used on **incinerators, enclosed combustors, and flare stacks** as well. The CSC400 provides two 4-20 mA inputs and outputs for shutdown, monitoring, and/or transmitter requirements, as well as Modbus for communication and control.



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