

ACL

Manufacturing Inc.

ACL CSC 200 Combustion Safety Controller



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The **ACL CSC 200 Combustion Safety Control** is designed to be used in conjunction with the ACL combustion module for a complete safety combustion device. The ACL CSC 200 provides burner ignition and flame fail, as well as monitoring of two separate thermocouple inputs which can be utilized for temperature control in process applications such as tanks, line-heaters, re-boilers or any other application where accurate temperature monitoring or control is required. The system is designed to operate with or without a continuous pilot.

No programming

12/24 VDC and solar

CSA approved for Class I Div 2 location

Type 4X enclosure, corrosive resistant and weatherproof

Low power consumption (power save mode operates as low as 1.2 Watts)

100% Failsafe design

On/Off control

Onboard solenoid driver for power reduction to solenoids and peak-hold solenoids

Two adjustable type K thermocouple inputs for monitoring process temperature and high temperature

Pilotless or continuous pilot operation

Shutdown input

Selectable thermocouple ranges of -60°C to 1100°C or 0°C to 500°C (-75°F to 2012°F or 32°F to 932°F)

Easy to read four digit seven segment LED display

LED indication of thermocouple 1 or 2 values displayed

Celsius or Fahrenheit readout

Adjustable deadband from 1,2,3 and 5 degrees C or 2,4,6 and 10 degrees F

Operational ambient temperature of -40° to 60°C