



# ACL CSC200 Combustion Safety Controller



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The **ACL CSC 200 Combustion Safety Control** is a leading edge combustion safety controller which 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 applications where accurate temperature monitoring and or control is required. The CSC200 provides full first out annunciation of all the shutdown inputs such as level, high temperature, remote S/D, pressure, proof of closure, flame failure, and power failure.

No programming required

12/24 VDC and solar

CSA approved for Class I Div 2 location, CSA B149.3-15 Compliant, meets NFPA standards, CSA approved C22.2 No 199-M89

Type 4X enclosure, corrosive resistant and weatherproof

Modbus communication-Built In.

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

Full annunciation of shutdown, eg/ flame fail, power fail, level, remote S/D, pressure, high temperature, proof of closure and more.

Selectable thermocouple ranges of  $-60^{\circ}\text{C}$  to  $1100^{\circ}\text{C}$  or  $0^{\circ}\text{C}$  to  $500^{\circ}\text{C}$  ( $-75^{\circ}\text{F}$  to  $1012^{\circ}\text{F}$  or  $32^{\circ}\text{F}$  to  $932^{\circ}\text{F}$ )

Easy to read four digit seven segment LED display

LED indication of thermocouple 1 or 2 values displayed and burner operation

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

Operational ambient temperature of  $-40^{\circ}$  to  $+60^{\circ}\text{C}$  (Celsius or Fahrenheit readout)

