585 SERIES

Emergency Shut Off Controller



The CONCOA 585 Series emergency shut off controller is designed to automatically shut down up to eight independent flammable, toxic, corrosive, or high purity gas sources for safety or process control. The Controller includes an integral emergency stop button, audible and visual alarm, six programmable input relays, and up to eight programmable pneumatic output ports for control of high purity CONCOA 586 Series emergency shut off valves. Eight additional output relays are configurable as normally open or normally closed for integration with a building or master alarm system. The status of all eight inputs and outputs are displayed with high visibility, multicolor LEDs so that the triggering event is identified and the status of all output ports is shown. Ideal for flammable or toxic gas shutdown control in the event of fire or leak detection, the controller can be configured to operate the eight pneumatic outputs in unison or independently. The system comes with an onboard web server for monitoring and program status with email and real time display.

Features

Highly Programmable Controller
Customize for specific installations

Eight Integrated Solenoid Valves
Easy system installation

Integral Emergency Stop Button
Manual activation at the controller

Six Input Relays
Accommodate multiple gas streams

Onboard Web and Mailer Server
Enables remote monitoring and notification

Eight Output Relays
Flexible system integration

Event Log
Auditable trail of uptime and failure

Materials

Enclosure
Polycarbonate resin (flame retardant and UV stabilized)

Cover Assembly
Screw closure

Mounting Assembly
Polycarbonate resin (flush)

Weight
9.8 lbs. (4.45 kg)

Specifications

Sound
93 dB audible alarm

Power Input
90-264 VAC external power supply (US, UK, European, Australian, and Chinese adapters included)

Pneumatic Outputs (8)
1/8" FPT bulkheads
(hose barb and plug supplied)

Pneumatic Inputs (1)
1/8" FPT

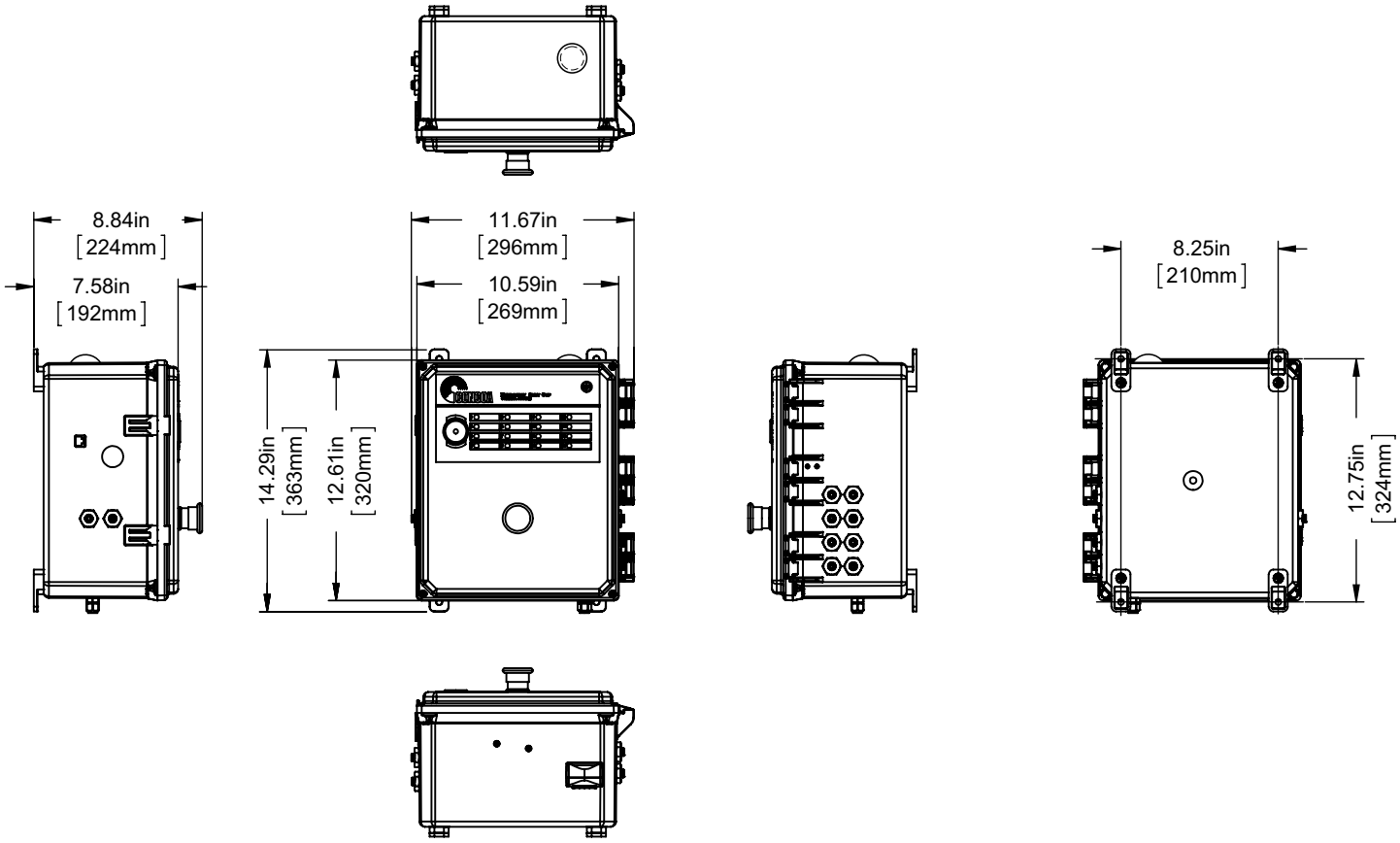
Dry Contact Outputs (8)
NO or NC (field adjustable)

Relay Inputs (8)
6 NO or NC (field adjustable)
1 NO (emergency stop button)
1 NO (pneumatic air pressure switch)

Relay Contact Rating
.5 A@24V

Lab Safety Equipment

Installation Dimensions



Ordering Information

Order No.	Description
585 1008	Emergency shut off controller

Options

Order No.	Description
586 1001	Emergency shut off single valve kit
586 1002	Emergency shut off dual valve kit
586 2001	Emergency shut off high flow single valve kit
586 2002	Emergency shut off high flow dual valve kit
585 2001	Emergency shut off button
586 9001	Single tube soft polymer tubing for connecting controller to valve kits
580 4001	High pressure, low flow excess flow switch
580 4002	Low pressure, high flow excess flow switch
580 4003	High pressure, high flow excess flow switch