

AOV systems for natural & smoke ventilation

Product Range developed by Custom Electronics Ltd

Automatic Opening Vent Controls - Vent Smoke from 1-10 zones



- 24v units for use in smoke evacuation systems.
- Simple status indicators to monitor power supply and window operation.
- Range includes single zone control to 15 multi zone applications using plug in zone cards.
- Standard 3,5,10,20 amp PSU models with charger.
- Auto, Keyswitch or Fire officer control application.
- Special application and unit design service.

- Actuators for windows, rooflights, doors.
- 24VDC open/reverse 2 or 3 wire actuators.
- Adjustable reach.
- Mounting bracket options for different openings.
- Power options to suit opening size.



- Standard smash glass operation.
- Keyswitch operation open/close.
- Keyswitch operation auto/open/close.
- Rocker switch control.
- Protective lockable cover.

- Input from fire alarm panel or other control.
- Input from smoke detector 24VDC
- Auto reset or Manual keyswitch reset.
- Input from call point

Single Zone Wiring Example

Link 1 & 2:

Trigger inputs for AOV Panel.
Closed circuit loop when broken will cause the panel to trigger vents, windows or domes.

Ov k/s:

Trigger Input for a Firman's override call point. This can be either keyswitch or rocker switch.

ACT:

24v DC output for actuators, vents or domes.
Opening (forward) = 24v DC +
Closing (reverse) = 24v DC -
Normal state = no voltage

