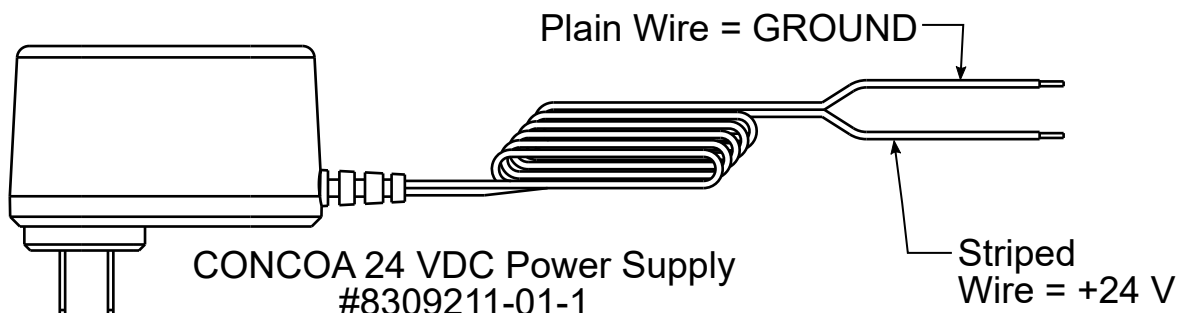


Hookup of Horn and Strobe Units to a 5851008 Series ESO Controller

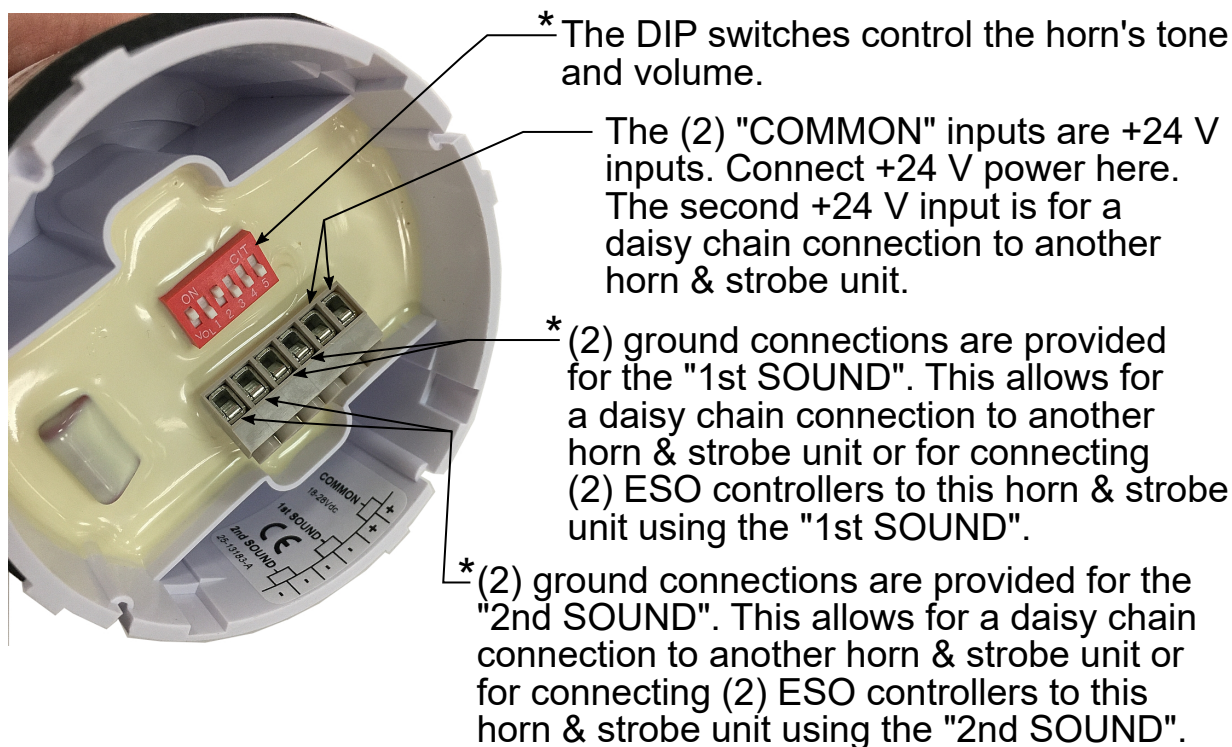
www.concoa.com

1-800-225-0473

- 1 The horn and strobe unit(s) requires a 24 VDC power supply.
CONCOA can provide 1 Amp power supply #8309211-01-1 shown below.



- 2 Horn & Strobe unit DIP switches and terminal block arrangement:



* Refer to the manufacturer's instructions for controlling the tone and volume using the DIP switches and the optional ground connections.

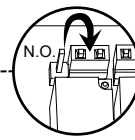
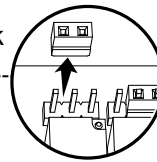
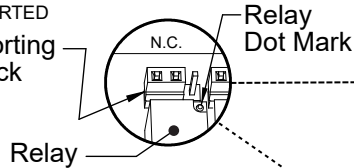
3 Wiring Arrangement #1 - (1) ESO Controller with (1) Horn & Strobe Unit:

* For programmed ESO controllers #5851008-01-002 and when provided with a preconfigured gas cabinet system, CONCOA will provide the system with the jumper(s) correctly set and the ESO software programmed for the desired relay.

STANDARD CONFIGURATION, NORMALLY CLOSED:

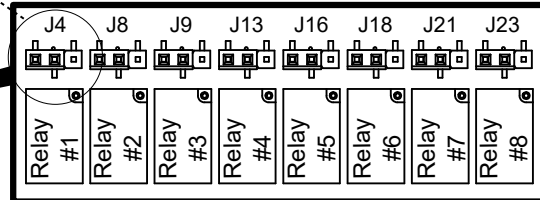
THE 2 PINS FARTHEST FROM THE RELAY DOT MARK ARE SHORTED

Shorting Block



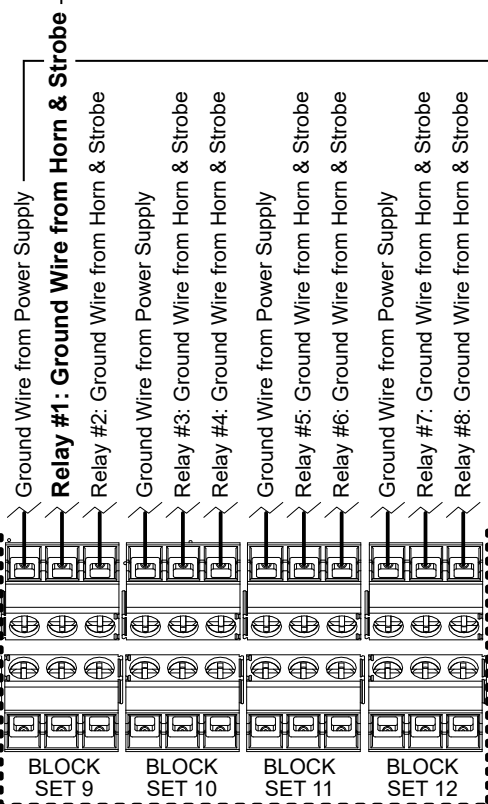
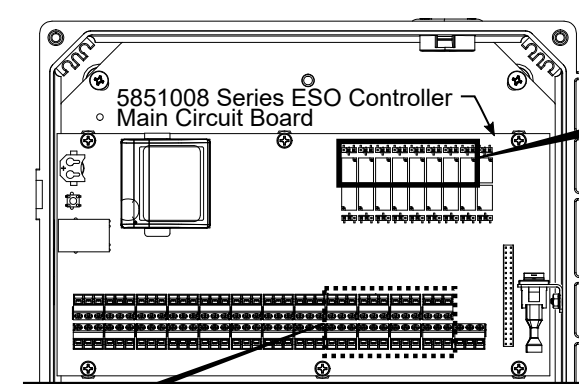
* For a Horn & Strobe Unit Connection, Set the Jumper for the Selected Relay to Normally Open by moving it to the pins on the side closest to the dot mark.

DRY CONTACT RELAY OUTPUTS



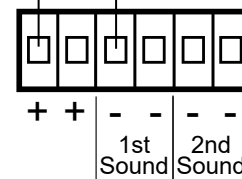
There are (8) relay outputs available for controlling the horn & strobe unit.

* Select the desired relay using the ESO controller software. Refer to CONCOA instructions document 99065850 (ADI5850).



Ground (Plain Wire)

+24 VDC (Striped Wire)



Horn & Strobe Unit Back View

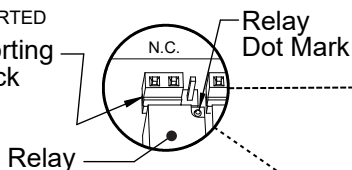
EXAMPLE: This setup shows "1st Sound" on a single unit connected to Relay #1.

4 Wiring Arrangement #2 - (1) ESO Controller with (2) Daisy Chained Horn & Strobe Units:

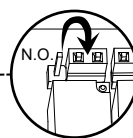
* For programmed ESO controllers #5851008-01-002 and when provided with a preconfigured gas cabinet system, CONCOA will provide the system with the jumper(s) correctly set and the ESO software programmed for the desired relay.

STANDARD CONFIGURATION, NORMALLY CLOSED:
THE 2 PINS FARTHEST FROM THE RELAY DOT MARK ARE SHORTED

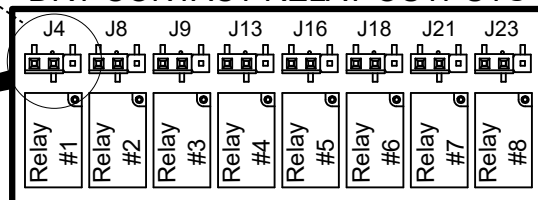
Shorting Block



* For a Horn & Strobe Unit Connection, Set the Jumper for the Selected Relay to Normally Open by moving it to the pins on the side closest to the dot mark.

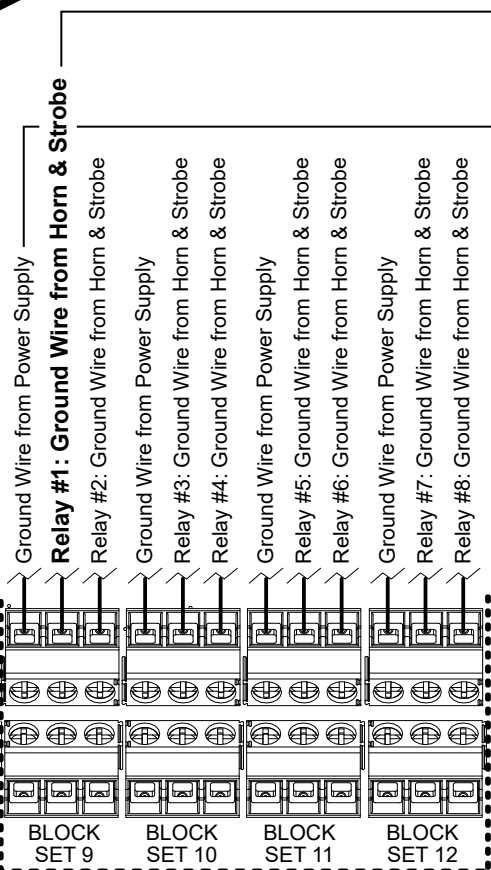
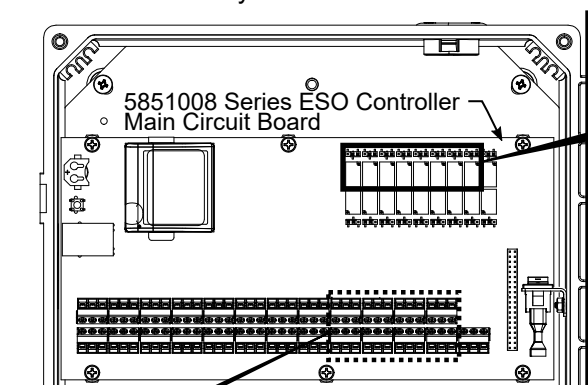


DRY CONTACT RELAY OUTPUTS



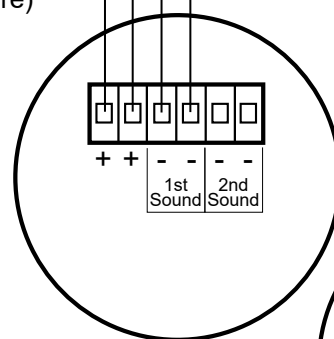
There are (8) relay outputs available for controlling the horn & strobe units.

* Select the desired relay using the ESO controller software. Refer to CONCOA instructions document 99065850 (ADI5850).

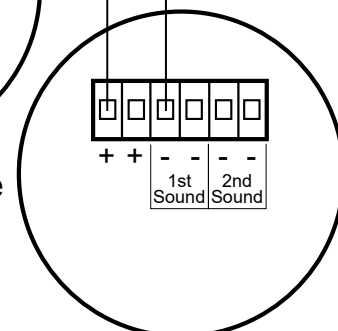


Ground (Plain Wire)

+24 VDC (Striped Wire)



Horn & Strobe Unit #1 Back View



Horn & Strobe Unit #2 Back View

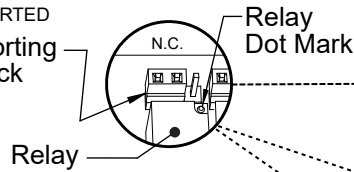
EXAMPLE: This setup shows "1st Sound" on both units connected to Relay #1.

5 Wiring Arrangement #3 - (1) ESO Controller with (2) Independent Horn & Strobe Units:

* For programmed ESO controllers #5851008-01-002 and when provided with a preconfigured gas cabinet system, CONCOA will provide the system with the jumper(s) correctly set and the ESO software programmed for the desired relays.

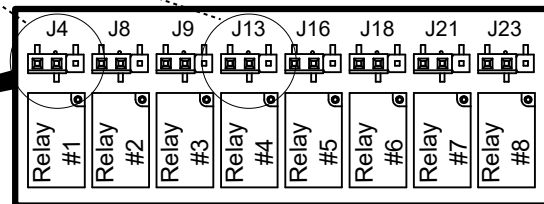
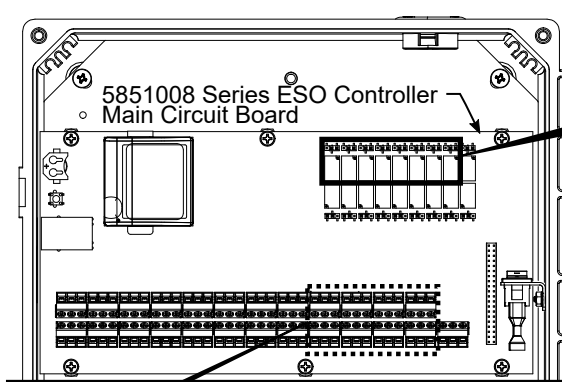
STANDARD CONFIGURATION, NORMALLY CLOSED:
THE 2 PINS FARTHEST FROM THE RELAY DOT MARK ARE SHORTED

Shorting Block



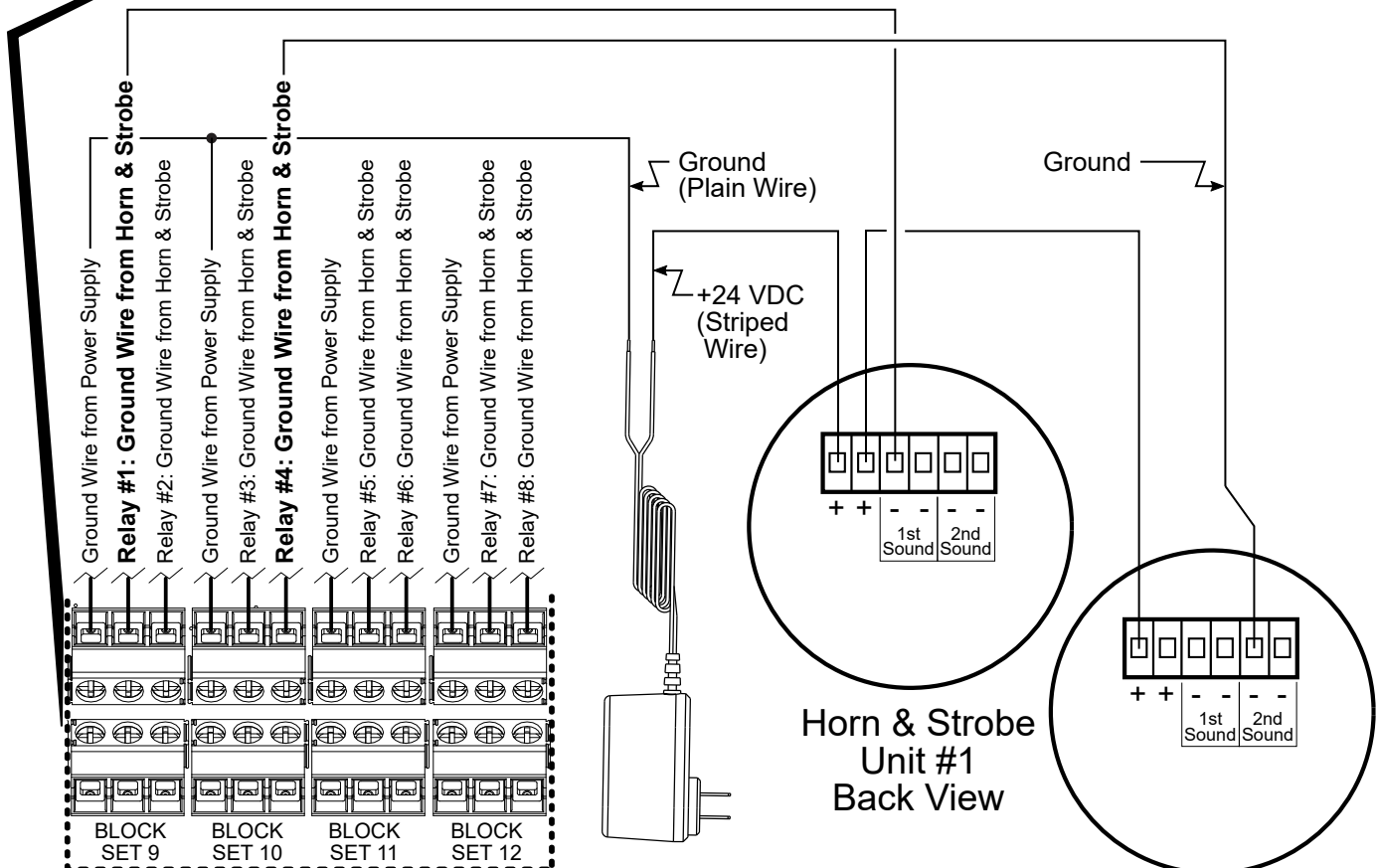
* For a Horn & Strobe Unit Connection, Set the Jumper for the Selected Relay to Normally Open by moving it to the pins on the side closest to the dot mark.

DRY CONTACT RELAY OUTPUTS



There are (8) relay outputs available for controlling the horn & strobe units.

* Select the desired relays using the ESO controller software. Refer to CONCOA instructions document 99065850 (ADI5850).



EXAMPLE: This setup shows Unit #1 "1st Sound" connected to Relay #1, & Unit #2 "2nd Sound" connected to Relay #4.

(Refer to the manufacturer's instructions for descriptions of the sound options.)