

\* Try these other fine ELK products \*

**Magic Module Series**

- MM443** Magic Module, 4 Input, 4 Output, Programmable
- MM447** Automation Controller w/Voice, Caddx Interface
- MV480** Recordable Voice Module, 400 Channels
- MKHOME1** Home Control Kit for Caddx NX Controls
- MK400** Starter Kit, Includes MM443 & MK485
- MK485** Programming Kit, MB485, Cables, Software
- MK410** X-10® Transceiver Kit, Programmed MM443
- MK420** iButton™ Access Kit w/ MM443, MA100, MA101
- MA100** iButton™ 'Touchkey' Reader & Interface Pack
- MA101** iButton™ 'Touchkeys', 10 pcs w/keyring holders
- MA290** Proximity / Wiegand Data Interface to MM443
- MB485** Data Bus Interface, RS232 to RS485
- MC100** Clock / Calendar Module for MM443
- ML8** Link Interface to Caddx NX Controls
- MT100** Temperature Sensor Module for MM443
- MM220** Magic Module, 2 Input, 2 Output, Programmable

**Rust Free Sirens / Speakers**

- 1RT** Speaker & Stainless Steel Enclosure
- 150RT** Siren & Stainless Steel Enclosure
- 155RT** Voice Siren in Stainless Steel Box

**Speakers & Sirens**

- 44** Speaker, 30 W, 8 Ohm Compact Horn
- 45** Siren, Compact Horn, 118db
- 55** Voice Siren, Compact Horn
- M120** Siren, Single Tone, 107db, Mini Horn
- SP15** Speaker, 15 watt, Small Horn
- SP30** Speaker, 30 watt, Horn
- SP35** Speaker, 20 watt, Interior
- SP40** Speaker, 40 watt, Horn
- SS15** Siren, Dual Tone, 110db, Horn
- SS30** Siren, Dual Tone, 120db, Horn
- SS36** Siren, Dual Tone, 105db, Interior

**ECHO™ Sirens & Speakers**

- 73** ECHO Speaker, 20 Watt, Interior
- 74** ECHO Dual Tone Siren, Interior
- 75** ECHO Voice Siren, Interior
- 870** ECHO Speaker, Self Amplified

**Siren & Voice Drivers**

- 100** High Performance Siren Driver
- 110** Voice Siren Driver, English & Spanish
- 120** Recordable Voice Module and Siren
- 124** Recordable Voice Module, 4 Channels

**Surge Suppressors**

- 950** Surge Suppressor, Phone & Power Line
- 951** Surge Suppressor, Phone - Single Line
- 955** Surge Suppressor, Phone - Dual Line

**Relay Modules**

- 912** Compact Relay, 12 Vdc, SPDT
- 912B** Heavy Duty Compact Relay, 12/24 Vdc, SPDT
- 924** Sensitive Relay, 12/24 Vdc, DPDT
- 941** Alarm Output Director
- 960** Delay Timer Relay, 1 sec. to 60 min.

**Power Products**

- 1240** Battery, Lead Acid, 12v, 5Ah
- 1270** Battery, Lead Acid, 12v, 8Ah
- 12100** Battery, Lead Acid, 12v, 12Ah
- 12170** Battery, Lead Acid, 12v, 18Ah
- 12250** Battery, Lead Acid, 12v, 25Ah
- P112** 12 Volts DC, 1 Amp Power Supply w/Enclosure
- P124** 24 Volts DC, 800mA Power Supply w/Enclosure
- P1216** 12 Volts DC, 1.5 Amp Power Supply
- P412** 12 Volts DC, 4 Amp Power Supply
- P624** Power Supply & Battery Charger
- PD9** Power Distribution Module
- 965** Low Battery Cutoff and Power Switch
- TRG1640** Transformer, 16.5VAC @ 40 VA
- TRG2440** Transformer, 24VAC @ 40 VA

**Accessories**

- 129** Computer Sound Card Interface
- 800** Audio Amplifier, 10 Watts
- 900-2** "B" Connectors, Unfilled, 500 pcs
- 902-2** "B" Connectors, Gel filled, 500 pcs
- 980** Telephone Line Fault Monitor
- 998** Warning Alarm System Decals
- 999** Double Sided Tape
- SL1** Strobe Light, 4 colors available
- WK1** Wall Mount Kit for SL1 Strobes

For more information contact your local Distributor or:  
 ELK PRODUCTS, INC 828-397-4200 FAX 828-397-4415  
<http://www.elkproducts.com> Email: [info@elkproducts.com](mailto:info@elkproducts.com)  
 05/02

# Compact Relay

- ELK-912 (Single)
- ELK-912-12 (12 Pack)

SPDT 12 Volts D.C. Activation

**APPLICATION:**

The ELK-912 is a high quality 12 Volt DC relay. It features SPDT Form "C" heavy duty dry contacts, low current draw, and positive or negative activation.



## Compact Relay SPDT 12 Volts D.C.

- ELK-912 (Single)



- ELK-912-12 (12 Pack)



**FEATURES:**

- Heavy Duty Contact Rating.
- Form "C" Contacts SPDT.
- Low Current Draw.
- Positive Or Negative Activation.
- Great For General Purpose Switching.
- Small, Compact Size.
- Includes Double Sided Mounting Tape.
- Packed in Reusable Poly Storage Box.
- Lifetime Limited Warranty, call for details.

**SPECIFICATIONS:**

- Operating Voltage: 12 Volts D.C. Nominal.
- Current Draw: 30 milliamps.
- Minimum Pull-in Voltage: 9 Volts D.C.
- Diode Protection Across Relay Coil.
- Contact Ratings:  
 7 Amps @ 30 Volts D.C.  
 10 Amps @ 125 Volts A.C.
- Size: 1.1" X1.55" (28mm X 39mm) Ea.

Features or Specifications subject to change without notice.

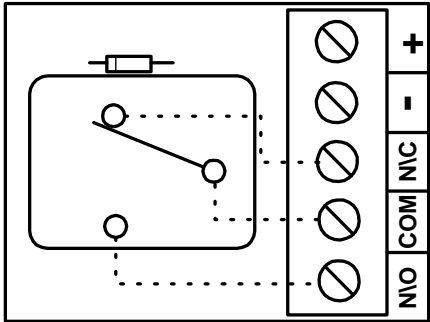


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**Instructions Printed On Inside**

# ELK-912 APPLICATIONS AND WIRING DIAGRAMS

## ELK-912



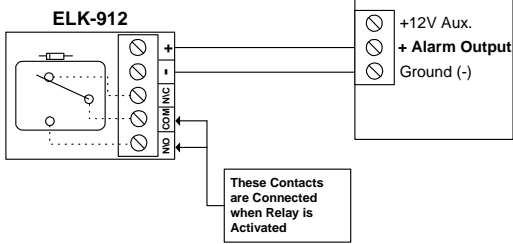
### Power Terminals:

Powers Relay Coil (12V, 30mA)  
Connect to Trigger Output

### Relay Contacts:

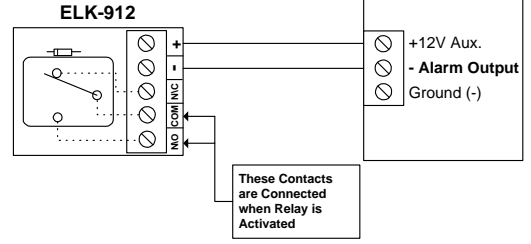
COM and N/C are connected when ELK-912 is off (no trigger).  
COM and N/O are connected when ELK-912 is on.

### Hookup Example for a Positive-Output Control Panel.



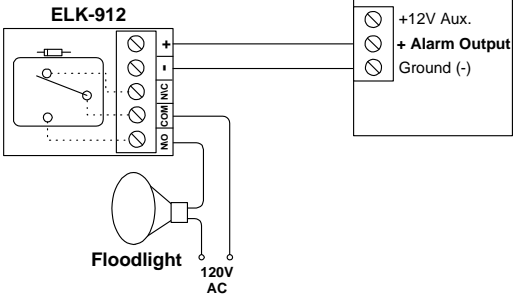
**Example 1:** If control has a positive output, connect the "-" terminal of the ELK-912 to the control's ground terminal. Connect the "+" terminal of the ELK-912 to the positive alarm output.

### Hookup Example for a Negative-Output Control Panel.



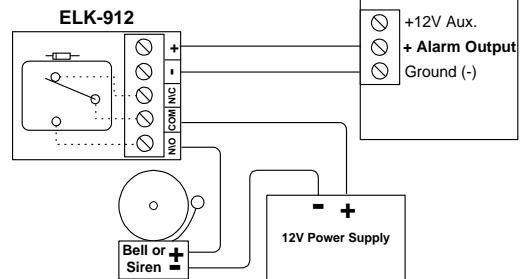
**Example 2:** If control has a negative output, connect the "+" terminal of the ELK-912 to the control's +12V terminal. Connect the "-" terminal of the ELK-912 to the negative alarm output.

### Alarm-Activated Floodlight



**Example 3:** Floodlight activates whenever control panel is in alarm

### High-Current Bell or Siren Switch



**Example 4:** ELK-912 used to switch a high-current siren or bell from separate power supply.