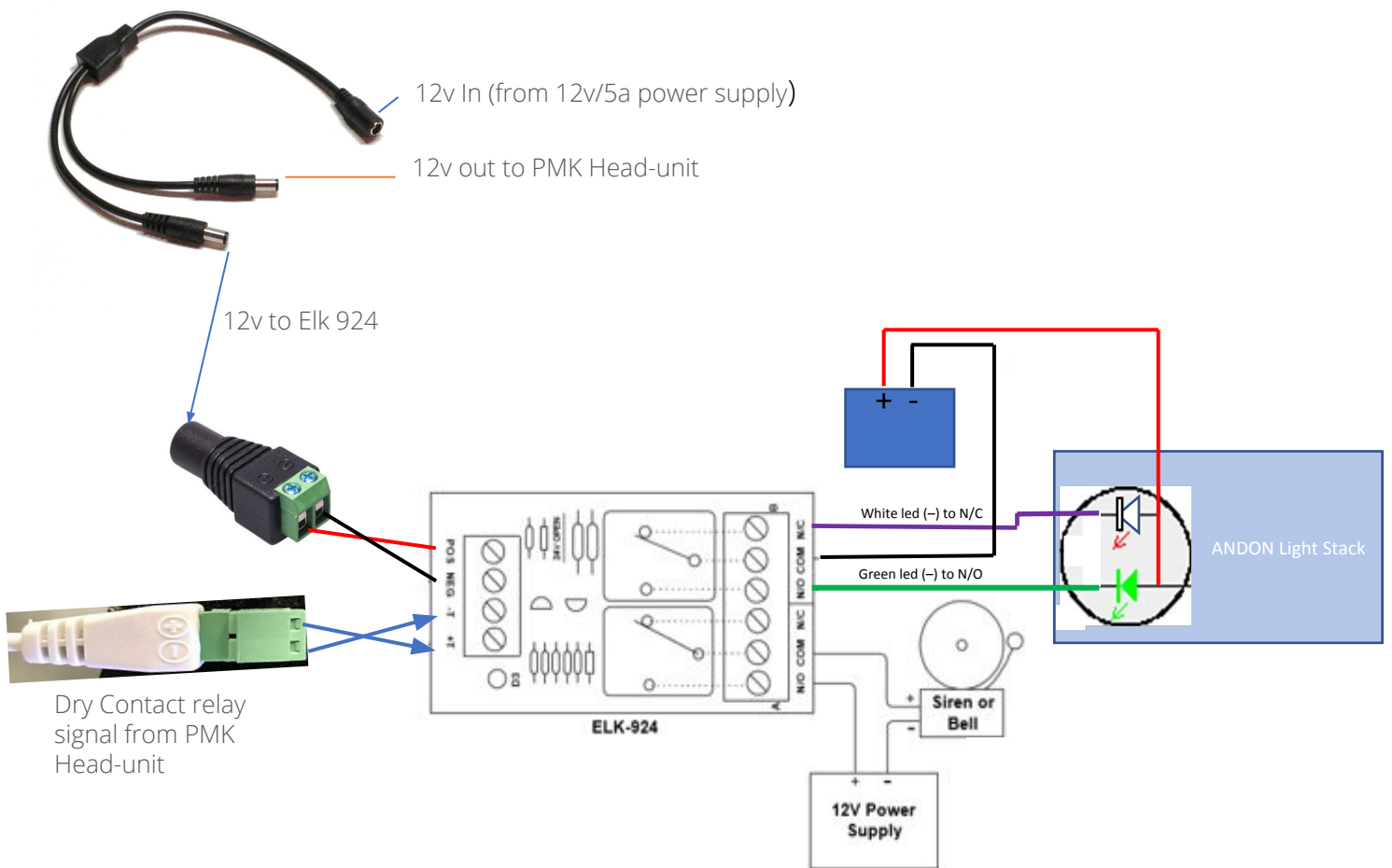


# MERIDIAN

## TEMPERATURE SCREENING KIOSKS

### Relay Control Example Using an ELK 924



<https://www.signaworks.com/products/tower-lights/st80l-80mm-led-tower-light/>  
<https://www.elkproducts.com/product-catalog/elk-924-sensitive-relay>

# INSTRUCTIONS

## Types of Relay:

Only recommended to use relay 0 and 2.

- Relay 0: Closed while idle, opens up for X number of seconds after getting an acceptable temperature reading.
- Relay 1: Closed while idle, opens up for X number of seconds after getting an acceptable temperature reading. Opens up after application or unit restarting (NOT recommended).
- Relay 2: Open while idle, closes up for X number of seconds after getting an acceptable temperature reading.

## Delay Setting:

Value must be between 1–63

- 5 = ~1 seconds
- 10 = ~4 seconds
- 20 = ~9 seconds
- 30 = ~12 seconds
- 40 = ~18 seconds



CORPORATE HEADQUARTERS  
312 S Pine Street, Aberdeen, NC  
sales@mzero.com  
+ 1 866 454 6757

SOFTWARE DEVELOPMENT LAB  
30 Eglinton Ave, Ste 808, Mississauga, Ontario, Canada

*Component specifications subject to change without notice. Revision Date: January 14, 2021*

*This device is not FDA-cleared or approved. This temperature device should not be solely or primarily relied upon to diagnose or exclude a diagnosis of COVID-19, or any other disease or health condition. Elevated body temperature in the context of use should be confirmed with secondary evaluation methods, such as a non-contact infrared thermometer or clinical grade contact thermometer.*

