

## C-TEC CAST Non-Voltage Contact (Relays for Fire and Fault) C-TEC Application Note 0017.0

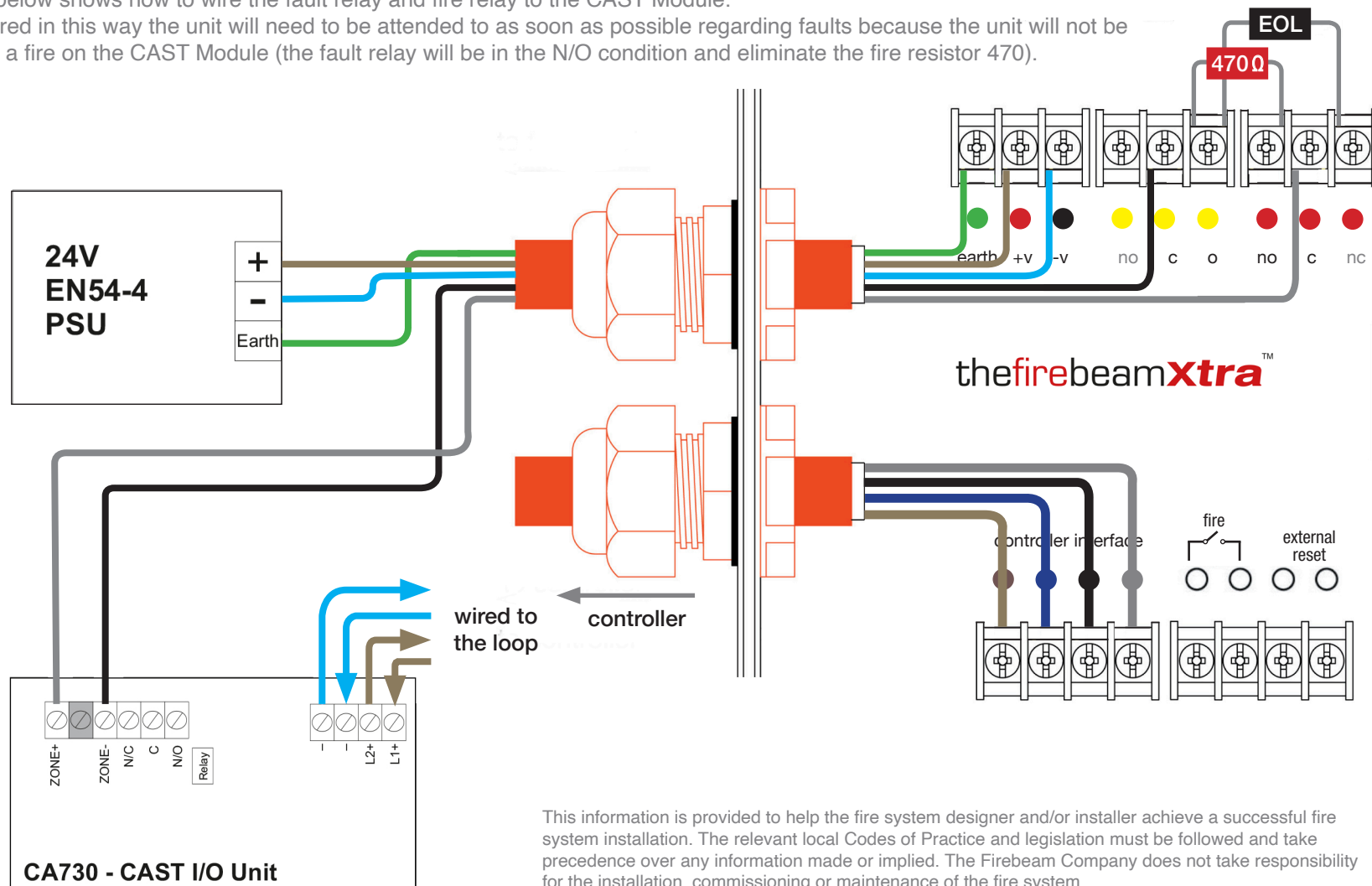
### Equipment Needed:

1. CA730 – (CAST I/O Module), CA731 – (CAST Mains Relay I/O Module), CA732 – (CAST Zone Monitor).
2. RCN1050368 EOL – 0.68uF 50V Capacitor (1x in the accessory pack of the CAST modules).
3. Third Party detectors such as: Beam detectors, flame detectors, AOV (Automatic Opening Vent), etc. Below states the equipment currently tested with the CAST I/O module.
4. RRF0250147 – 470R fire resistors (1x in the accessory pack of the CAST modules).
5. 24Volt EN54-4 PSU.

### Non-Voltage Contact wiring

The diagram below shows how to wire the fault relay and fire relay to the CAST Module.

When configured in this way the unit will need to be attended to as soon as possible regarding faults because the unit will not be able to trigger a fire on the CAST Module (the fault relay will be in the N/O condition and eliminate the fire resistor 470).



This information is provided to help the fire system designer and/or installer achieve a successful fire system installation. The relevant local Codes of Practice and legislation must be followed and take precedence over any information made or implied. The Firebeam Company does not take responsibility for the installation, commissioning or maintenance of the fire system.