



## EPACO™ EXPLOSION PROTECTION RELAY CARD

### DESCRIPTION

Fike's Explosion Protection Relay Card (RC8) provides the user with eight relays for process equipment interface with the Fike EPACO explosion protection system. The relays can be used to direct shut downs, slow downs, and remote notifications of system trouble and alarm conditions. Up to four Relay Cards can be supported by each Annunciator Module.

### FIKE SERVICES

Fike expertise creates the right explosion protection solution for your specific application:

- Engineers and application specialists familiar with your application and applicable codes
- Product testing and hazard analysis

### FEATURES

Up to 34 relays can be tied to one EPC through the Annunciator Module, enabling the system to discriminate between critical and non-critical trouble conditions

Scaleable with zoning capabilities, system easily programmed in the field to accommodate process changes

LED light and PC connection offers access to activation system status, history, and pre/post activation history

### BENEFITS

Increases process efficiency by engaging with process controls to react to conditions, such as pressure levels rising to warning levels.

Enhanced system stability, increased productivity, allows for fast expansion, reduced plant downtime, and reduced installation costs

Instant access to information, ability to identify cause of



Fike P/N E10-0069

### APPROVALS

- Factory Mutual Approved
- CE Marked (EMC tested and approved)
- CSA Approved LR 091515

Data Sheet

### STANDARD FEATURES/SPECIFICATIONS

- Eight dry contacts for annunciation of conditions defined by configuration
- DIN rail mount for flexibility and faster installation
- Visual communication of system status through LED lights which are directly connected to relays
- Input Voltage: 18 to 30 VDC
- Power Consumption: Normal, 300 mA maximum
- TroubleContact Ratings: DC, 2 amps @ 30 VDC; AC, 0.5 amps @ 250 VAC
- Temperature Rating (without additional enclosure): -20° to 60°C (0° to 140°F)
- Humidity (non-condensing): 80% RH maximum
- Size: 120mmL x 125mmH x 54mmD (4.8”L x 4.9”H x 2.1”D)\*
- Weight: 0.5 kg (1 lb.)

\* Dimensions are nominal

Form No. X.1.10.01-1

# Relay Card Wiring Diagram

