

EXPLOSION PROTECTION RELAY CARD (RC8)

DESCRIPTION

Fike's Explosion Protection Relay Card (RC8) provides the user with eight relays for process equipment interface with the Fike explosion protection control 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.

FEATURES AND BENEFITS

- 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
- Eight dry contacts for annunciation of conditions defined by configuration
- Visual communication of system status through LED lights which are directly connected to relays

SPECIFICATIONS

Power Consumption:	Normal: 300 mA maximum
Input Voltage:	18 to 30 VDC
Trouble/Alarm Contact Ratings:	DC, 2 amps @ 30 VDC AC, 0.5 amps @ 250 VAC
Temperature Rating: (without additional enclosure)	-20°C to 60°C (0° to 140°F)
Humidity (non-condensing):	80% RH maximum
Mounting:	DIN rail mount
Operating Temperature Range:	0-300°F (17-149°C)
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



Fike P/N E10-0069

APPROVALS:

- FM Approved
- CE marked (EMC tested and approved)
- CSA Approved (LR 091515)



WIRING DIAGRAM

