ANNUNCIATOR MODULE (AM)

DESCRIPTION
The Fike Explosion Protection Annunciator Module (AM) provides a central point for communication and control of the Fike control system components.

Two push-buttons allow for retrieval of history information, real time pressure reading and control of EPC and PSU operation.

- Gateway for future expansion, with capabilities to support up to 4 Relay Cards, 4 EPC Controllers, and 1 Power Supply unit
- Convenient, safe access with remote location capabilities

FEATURES AND BENEFITS
- Central point for system control and status information. Monitors and reports on 74 system states in real time
- Gateway for future expansion with capabilities to support up to 4 Relay Cards, 4 EPC Controllers, and 1 Power Supply unit
- Scalable system allows fast system expansion, reduced plant downtime, and reduced installation costs
- Convenient, safe access to system status, reports, and monitoring
- Dip switch or PC programmable
- Dry contact auxiliary relay for annunciation of “Trouble” conditions
- Status Bus for Fike proprietary network communication of system conditions to an AM from EPC(s), PSU, and RC8(s) optional wiring
- Remote Bus for Fike proprietary network communication of system conditions between AMs
- Event memory stores the 36 most recent events with real time clock information from all modules connected on the Status Bus
- DIN rail mount for flexibility during installation

SPECIFICATIONS

<table>
<thead>
<tr>
<th>Feature</th>
<th>Specification</th>
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<tbody>
<tr>
<td>Input Voltage</td>
<td>18 to 30 VDC, 500 mA maximum</td>
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<tr>
<td>Power Consumption:</td>
<td>Normal: 130 mA</td>
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<tr>
<td></td>
<td>Trouble: 150 mA</td>
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<tr>
<td>Trouble Contact Ratings:</td>
<td>DC, 2 amps @ 30 VDC; AC, 0.5 amps @ 250 VAC</td>
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<tr>
<td>Temperature Rating:</td>
<td>-20 to 60°C (0 to 140°F)</td>
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<td>(without additional enclosure)</td>
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<tr>
<td>Humidity (non-condensing):</td>
<td>80% RH maximum</td>
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<tr>
<td>Size:</td>
<td>120mML x 130mmH x 60mmD (4.8&quot;L x 5.2&quot;H x 2.3&quot;D)*</td>
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<tr>
<td>Weight:</td>
<td>1 lb. (0.5 kg)</td>
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</tbody>
</table>

* Dimensions are nominal

APPROVALS:
- FM Approved
- CE marked (EMC tested and approved)
- CSA Approved (LR 091515)
E10-0068 ANNUCIACTOR MODULE

INPUTS

POWER-24 VDC (18-30 VDC)

2 WIRE, TWISTED SHIELDED CABLE

OUTPUTS

SPDT TROUBLE/SUPERVISORY RELAY

PROCESS MONITORING

EQUIPMENT

EPC(S) - STATUS BUS,

STATUS BUS

REMOTE BUS

REMOTE BUS ONLY

OTHER AM(S)

EXTERNAL

BELDEN 9841 OR EQUIVALENT

STATUS BUS

BELDEN 9841 OR EQUIVALENT

BELDEN 9841 OR EQUIVALENT

P1

P2

P3

P4