Advanced Intelligent Relay Module is an application specific addressable module for use with the Axis AX Series Intelligent Fire Alarm Control Panels. Each module is SLC loop powered, eliminating the need for additional field wiring and external power supplies.

Designed for installation on Advanced Axis AX Series SLC (signaling line circuit) loop the Intelligent Relay Module provides two isolated Form “C” relay contacts for controlling a variety of auxiliary control functions, such as elevators, HVAC, door holders, dampers, control equipment, etc.

Compatible with the Axis AX Series Dynamix I/O relationship programming, the Intelligent Relay Module’s Form “C” outputs can be assigned to any input or output relationship, output group, timing function, gated function, etc. enhancing project specific control operations.

Relay ratings of each Form “C” contact is 24 VDC @ 2 Amp (resistive) or 30 VAC @ .5 Amp (resistive).

Features

- Compact Size
- Two Isolated Form “C” Relay Contacts
- Flexible Device Type Programming
- Loop Powered Directly from SLC Loop
- Cost-Effective & Trouble-Free Installation
- 7 - Position Addressable DIP Switch
- Integral Polling Status LED
- 4” or 2-Gang Electrical Box Mounting
- Durable Construction

Listings and Approvals

- CAN/ULC-S527-11 & CAN/ULC-S559-04 Listed: 100780709NYM-001
- ULC Listed: UOXXC.S24460
**Wiring Diagram**

![Wiring Diagram](image_url)

**Specification**

<table>
<thead>
<tr>
<th>AX Series SLC Loop</th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>Voltage</td>
<td>17-28 VDC</td>
</tr>
<tr>
<td>Modulation Voltage</td>
<td>5-9 VDC (Peak to Peak)</td>
</tr>
<tr>
<td>Supervisory Current</td>
<td>0.85 mA</td>
</tr>
<tr>
<td>Surge Current</td>
<td>2.5 mA</td>
</tr>
<tr>
<td>Alarm Current</td>
<td>3.5 mA (LED On) (Max.)</td>
</tr>
<tr>
<td>Line Impedance</td>
<td>50 Ω (Max.)</td>
</tr>
<tr>
<td>Relay Output Rating</td>
<td></td>
</tr>
<tr>
<td>DC Voltage</td>
<td>24 VDC @ 2 Amp (Resistive)</td>
</tr>
<tr>
<td>AC Voltage</td>
<td>30 VAC @ .5 Amp (Resistive)</td>
</tr>
<tr>
<td>Wiring</td>
<td>Screw In-Out Terminals</td>
</tr>
<tr>
<td>Mounting</td>
<td>4” Square or 2-Gang Electrical Box</td>
</tr>
<tr>
<td>Dimensions (Diameter &amp; Height)</td>
<td>4 1/2&quot;W x 4 1/2&quot;H x 1&quot;D</td>
</tr>
<tr>
<td>Weight</td>
<td>2.8 oz</td>
</tr>
<tr>
<td>Operating Temperature</td>
<td>32 °C -120 °F (0 °C -49 °C)</td>
</tr>
<tr>
<td>Humidity</td>
<td>10-93% (Non-Condensing)</td>
</tr>
</tbody>
</table>

**Order Codes and Options**

| 55000-863AFC | Intelligent Relay Module |

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As our policy is one of constant product improvement the right is therefore reserved to modify product specifications without prior notice.