Single Supervised Input Output Module

The Axis supervised input modules, loop powered, operate according to the Vega protocol which perfectly fits the Security and Fire Market main requirements.

The input channel is supervised and will detect normal/short/alarm/open conditions.

The output channel is a relay normally de-energized, switched on by command from the remote panel.

An additional opto-coupled input active in de-energised condition is switched on by command from the remote panel.

An additional opto-coupled input active in de-energised condition supervises the external power supply.

Fast alarm and fault-signalling. It is available on different shapes useful for different installation requests.

Features

- Designed to meet the standard EN54-18
- Provides high reliability and error detection
- Short circuit isolators in each device to the requirements of EN54-17
- Large capacity, up to 240 devices per loop
- Addressable by a special tool
- Auto addressing capability (control panel feature)
- OEM password protection
- High power availability from loop greater than 98%
- Digital checking of double address - line quality information
- Bi-colour (red green) LED for each channel driven by the control panel

Specification

<table>
<thead>
<tr>
<th>Feature</th>
<th>Specification</th>
</tr>
</thead>
<tbody>
<tr>
<td>Power Supply</td>
<td>15-40 V</td>
</tr>
<tr>
<td>Average Current Consumption</td>
<td>120 uA</td>
</tr>
<tr>
<td>LED Current Consumption</td>
<td>6mA @24Vdc</td>
</tr>
<tr>
<td>Operating Temperature Range</td>
<td>-30°C / +70°C</td>
</tr>
<tr>
<td>Humidity (non condensing)</td>
<td>95% RH</td>
</tr>
<tr>
<td>Nominal Relay Switching current</td>
<td>I=2A V=30Vdc</td>
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</tbody>
</table>
Order Codes and Options

VMMIC100: Wall Mounting Single Supervised Input / Output Module
VMMIC100: Mini Single Supervised Input / Output Module
VMDIC100: Din Rail Single Supervised Input / Output Module