VIO800

Generation 6 MX Detection Range VESDA Input/Output Module

Features

- Compatible with MX Addressable Loop on SIMPLEX 4100ESi and VIGILANT MX1 panels
- Three configurable inputs and two relay outputs from latching relays
- LED indication of relay operation
- Footprint optimised for use with VESDA LaserPLUS or VESDA LaserSCANNER

Specifications (excludes VESDA unit)

<table>
<thead>
<tr>
<th>Feature</th>
<th>Specification</th>
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<tbody>
<tr>
<td>Loop Voltage</td>
<td>20V to 40Vdc</td>
</tr>
<tr>
<td>Quiescent Current</td>
<td>480µA</td>
</tr>
<tr>
<td>Operated Current (LED on)</td>
<td>3mA</td>
</tr>
<tr>
<td>Max. VIO800 per Loop</td>
<td>250</td>
</tr>
<tr>
<td>Ambient Temperature</td>
<td>−25°C to +70°C</td>
</tr>
<tr>
<td>Storage Temperature</td>
<td>−40°C to +80°C</td>
</tr>
<tr>
<td>Relative Humidity</td>
<td>10% to 95% (non cond.)</td>
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Indoor Applications Only

Dimensions (HWD) | 72 x 110 x 18 mm

Wire Size (maximum) | 2.5sq. mm

ActivFire Listing | ap–2320

FPANZ Listing | VF/655

Part Number | 516.018.014

1. Addressable loop voltage provided by MX CIE.
2. For use with MX1. Refer to appropriate manual: LT0360 (MX1-NZ), LT0441 (MX1-Au) for design specifications.

Address Setting

The MIO800 is shipped with a default (invalid) address of 255 and must be set to the correct loop address using the 850EMT or MX Service Tool and programming lead.
Wiring
VIO800 wiring diagrams - wiring of MIO800 to LaserPLUS and LaserSCANNER

RE L A Y
#1
NC
C
NO

24V
0V
GPI -
GPI +

INPUT #1
NC
C
NO
FIRE 1
Urgent Fault
(normally energised)

INPUT #2
NO
ACT I ON
Minor Fault
(normally energised)

INPUT #2
NO
AL E RT
PSU Fault
(normally energised)