MX-MODULE
MULTI I/O
Item no.: 538.301

DESCRIPTION OF FUNCTIONS

Extends the blue'Log XM / XC by additional digital and analog ports.

TECHNICAL DATA

Power supply
Power consumption
Operating temperature
Storage and transport temperature
Protection class
Installation
Dimensions (W x H x D)
Weight

System internal
Typically 3 W (depends on configuration)
-20 °C to 55 °C
-20 °C to 70 °C
IP 20
Wall mounting, Top-hat rail installation in electrical distribution board, in control cabinets 36 x 110 x 63 mm (including side parts) 100 g

DISPLAY / OPERATION

LED

2

INTERFACES

Multi inputs

4 x Digital / analog input (mode configured by software for each port)

The following options are available for each multi input:

<table>
<thead>
<tr>
<th>Type</th>
<th>Usage</th>
<th>Range</th>
<th>Precision</th>
<th>Resolution</th>
</tr>
</thead>
<tbody>
<tr>
<td>Digital</td>
<td>Wet contact</td>
<td>5 V DC / 5 mA</td>
<td>-</td>
<td>-</td>
</tr>
<tr>
<td>Meter</td>
<td>S0</td>
<td>S0 compliant / max. 16 Hz</td>
<td>-</td>
<td>-</td>
</tr>
<tr>
<td>Analog</td>
<td>Voltage input</td>
<td>0-10 V DC</td>
<td>2 mV DC</td>
<td>40 µV DC</td>
</tr>
<tr>
<td>Analog</td>
<td>Current input</td>
<td>0-20 mA</td>
<td>80 µA</td>
<td>2 µA</td>
</tr>
<tr>
<td>Analog</td>
<td>Resistor (PT1000)</td>
<td>600-1,800 Ω</td>
<td>2 Ω</td>
<td>0,5 Ω</td>
</tr>
</tbody>
</table>
### Digital outputs

4 x digital outputs (mode configurable via software for each port)

The following options are available for each digital output:

<table>
<thead>
<tr>
<th>Type</th>
<th>Usage</th>
<th>Range</th>
</tr>
</thead>
<tbody>
<tr>
<td>Digital</td>
<td>Open Collector – Active low</td>
<td>max. 24 V DC / max. 50 mA</td>
</tr>
<tr>
<td>Digital</td>
<td>Open Collector – Active high</td>
<td>24 V DC / max. 50 mA</td>
</tr>
</tbody>
</table>

Further information: [www.meteocontrol.com](http://www.meteocontrol.com)