The FD7203 range of Input/Output modules are signal loop address modules for input and output signal processing, applicable for flexible cause-effect scenarios.

Built-in short-circuit isolators for signal loop and auxiliary power line of the modules are available.

### Features

Applicable for two modes of operation:
- common purpose input/output module: designated to produce and send an electrical signal to various devices (lift doors, fans, etc.) in the case of events and recording external impacts typical for a fire condition or other events;
- fire brigade dedicated panel or mimic panel interface module;

Each of the input and output is individually user-configured. Auxiliary power supply is required. Built-in isolators for both signal loop and the auxiliary power line are available.

### Technical data

<table>
<thead>
<tr>
<th>Address loop:</th>
<th>Monitored inputs programmable: 2 pcs</th>
</tr>
</thead>
<tbody>
<tr>
<td>– supply voltage: (15÷30)V DC</td>
<td>– maximal resistance of the loop: 100 Ω</td>
</tr>
<tr>
<td>– current consumption in duty mode: &lt; 350µA</td>
<td>– short circuit: R input&lt;0,5kΩ</td>
</tr>
<tr>
<td>– current consumption in alarm state: (3±1)mA</td>
<td>– activated input: 0,6kΩ&lt;R input&lt;1,4kΩ</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Power loop:</th>
</tr>
</thead>
<tbody>
<tr>
<td>– supply voltage: (12÷30)V DC</td>
</tr>
<tr>
<td>– current consumption in duty mode: &lt; 35mA</td>
</tr>
<tr>
<td>– current consumption in alarm state: up 1A</td>
</tr>
</tbody>
</table>

Outputs: 16 pcs
Inputs: 10 pcs
Electroplated separated programmable: 8 pcs
– activation voltage: (5÷30)V DC

Open collector with programmable functions: 11 pcs
– peak voltage at the output: 30V DC
– peak activation current: 35 mA

Relay with programmable functions: 3 pcs
– type: potential free, switching with programmable functions
– power supply specifications: 30V DC/1A; 125V AC/0.5A

Operational temperature range:
from minus 5°C to 40°C

Relative humidity resistance (no condensation):
≤95%

Dimensions: (313 x 218 x 85) mm
Weight: 1.170 kg

Monitored with programmable functions: 2 pcs
– type: Potential
– power supply specifications: (12÷30)V DC
– peak activation current: 150 mA
– end of line element: 1,0 kΩ

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