

# Input-Output Device FD7203 – 10 inputs / 16 outputs



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

### Address loop:

- supply voltage: (15÷30)V DC
- current consumption in duty mode: < 350 $\mu$ A
- current consumption in alarm state: (3 $\pm$ 1)mA

### Power loop:

- supply voltage: (12÷30)V DC
- current consumption in duty mode: < 35mA
- current consumption in alarm state: up 1A

### Monitored inputs programmable: 2 pcs

- maximal resistance of the loop: 100  $\Omega$
- short circuit: R input<0,5k $\Omega$
- activated input: 0,6k $\Omega$ <R input<1,4k $\Omega$
- duty mode: 1,5k $\Omega$ <R input<4,8k $\Omega$
- interruption: 4,8k $\Omega$ <R input
- end of line element: 3,6k $\Omega$

### Outputs: 16 pcs

**Inputs: 10 pcs****Electroplated separated programmable: 8 pcs**

– activation voltage: (5÷30)V DC

**Relay with programmable functions: 3 pcs**

– type: potential free, switching with programmable functions

– power supply specifications: 30V DC/1A;  
125V AC/0,5A

**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

**Open collector with programmable functions: 11 pcs**

– peak voltage at the output: 30V DC

– peak activation current: 35 mA

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



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