

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: < 350μA
- current consumption in alarm state: (3±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 Ω
- 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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