

Input-Output Device FD7203 – 1 input / 1 output



The Input-Output Device FD7203 is designated to produce and send an electrical signal to various devices in case of occurred events and recording external impacts, typical for a fire condition events. The device is compatible with addressable fire control panels IFS7002, supplementing the possibilities of the addressable systems of series IFS7000.

Technical data

FD7203 is a single input / single output module with optional output modes - common relay output or monitored potential output. LEDs for on-module status indication. Screw terminal block that are easy to disassemble. Optional surface mounting or on DIN-rail.

Addressable loop:

- Supply voltage: (15÷30)V DC
- Current consumption in duty mode: < 350µA
- Current consumption in alarm state: (2±1)mA

Input: 1 pc.

- “Fault condition” – interruption: $R_{line} > 25k\Omega$
- “Fault condition” – short circuit: $R_{line} \leq 2,2k\Omega$
- “Duty mode” range: $5,7k\Omega \leq R_{line} < 15k\Omega$
- “Activated input” range: $2,2k\Omega < R_{line} < 5,7k\Omega$
- “Activated input” – input does not check for short circuit: $0k\Omega < R_{line} < 5,7k\Omega$

Output: (depending on the configuration and the power supply Relay or Monitored): 1 pc.

Relay:

- Type: potential free, switching functions
- Electrical specifications: 30VDC /1A, 125VAC/0,5A or

Monitored:

- Type: potential
- Electrical specification: (12÷30)V DC
- Peak activation current: 400mA

Operating temperature range:

from minus 5°C to 40°C

Relative humidity resistance (no condensation):
≤ 95%

Dimensions: 90 x 66 x 22 mm

Weight: 0.075 kg