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: $Rline > 25k\Omega$
– "Fault condition" – short circuit: $Rline \leq 2,2k\Omega$
– "Duty mode" range: $5,7k\Omega \leq Rline < 15k\Omega$
– "Activated input" range: $2,2k\Omega < Rline < 5,7k\Omega$
– "Activated input" – input does not check for short circuit: $0k\Omega < Rline < 5,7k\Omega$

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

Accessory for Input - Output devices model 7203 1/1

It is possible to install an accessory to the module - a modular box consisting of the module cabinet. The accessory is used to bind (to cover) the cables to the connection terminals.

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