

## Description

The FD5200 Fire Extinguishing Control Panel is designed in accordance with European standards EN54-2 and EN54-4 Fire Detection and Fire Alarm Systems - Controlling and indicating Equipment and EN12094-1 Fixed firefighting systems - Component for gas extinguishing systems - Part 1: Requirements and test methods for electrical automatic control and delay devices.

## Technical Data

<b>FIRE DETECTION LINES</b>	<b>3</b>
For extinguishant release	2
Common Fire detection line	1
<b>MONITORED INPUTS:</b>	
Manual release	1
Hold	1
Disable	1
Mode select	1
Low pressure	1
Released pressure (optional)	1
<b>MONITORED OUTPUTS:</b>	potential, relay (24 +/-3)V DC
1st Stage alarm Sounders	1 / 500mA
2' Stage alarm Sounders	1 / 500mA
Extinguishant output	1 / 1500 mA
<b>RELAY OUTPUTS:</b>	potential-free, switching 3A/125V AC, 3A/30V DC
Fire condition	3
Fault condition	1
Released pressure (optional)	
<b>OUTPUTS OPEN COLLECTOR TYPE:</b>	3
<b>INDICATIONS OF REGISTERED EVENTS:</b>	
Sound	built-in sounder
Light	LED
Text messages	LCD display, Latin/Cyrillic characters,backlit
<b>POWER SUPPLY:</b>	
Mains supply	220/230V AC, 50/60 Hz
Backup battery	2x12V DC, 12 Ah
<b>MAXIMUM CURRENT</b>	2,5 A / (2433)V
<b>TO EXTERNAL DEVICES DC OPERATING TEMPERATURE RANGE</b>	minus 5°C to 40°
<b>C RELATIVE HUMIDITY RESISTANCE</b> (no condensation)	95%
<b>DIMENSIONS</b>	450x355x115 mm
<b>WEIGHT (excluding the backup battery)</b>	6,6 kg



## Functional Data

- > Fire detection lines and fire alarm lines are monitored for
- > shortcircuit or open-circuit fault;
- > Detection for removed fire detector;
- > Automatic reset of the fault warning condition;
- > Programmable countdown release timer - 0 to 5 minutes;
- > Programmable Extinguishant duration timer - 10 sec. to 5 minutes;
- > Real time clock and Event log of 100 events;
- > Fire Alarm System;
- > RS485 interface for communication with a Repeater panel;
- > Optional module for Release pressure condition;
- > Optional module for Extinguishing outputs multiplication.