

## FP-412, FP-424 Specifications

<b>INDICATORS</b>	<p>"230V~ ON" - mains supply functioning indicator  "230V~ FAULT" - mains supply failure indicator *  "BATTERY - ON" - Battery charge indicator  "BATTERY - FAULT" - low battery indicator *  "LED MANUAL ALARM" - constant light: imminent siren activation *  blinking light: the alarm output circuit is open *  "LED EXT.MUTE" - constant light: imminent extinguishing activation *  blinking light: the extinguishing output circuit is open *  "ZONE STATE - ON" - enabled zone indicator  "ZONE STATE - FAULT" - open or short circuit condition in the zone indicator *  "ZONE STATE - FIRE" - zone in ALARM condition indicator *</p> <p style="text-align: right;"><b>* is accompanied by an audible signal (buzzer)</b></p>
<b>OPERATIONS</b>	<p>"MAIN - ON/OFF" - key switch: function control  "CONTROL – MANUAL ALARM" - pushbutton: start the manual alarm  "CONTROL - ALARM MUTE" - pushbutton: silence the alarm  "CONTROL - EXT.MUTE" - pushbutton: deactivate the extinguishing  "CONTROL - RESET" - pushbutton: reset the Fire Panel</p>
<b>INTERIOR SETTINGS</b>	<p>"ALARM TIME" - trimmer: 0'1" - 5'10" alarm delay setting  "EXTINGUISHMENT TIME" - trimmer: 0'1" - 5'10" extinguishing delay setting  "EXTING. SYSTEM" - dip switches: extinguishing ON / OFF  "ZONE ON/OFF" - dip switches: enable / disable the zones</p>
<b>ZONE NUMBER</b>	FP-412: 4-12 with 2 modules of 4, FP-424:16-24 with 2 modules of 4)
<b>ZONE VOLTAGE</b>	23V
<b>ALARM ZONE minimum current</b>	8 mA
<b>ALARM ZONE maximum current</b>	80 mA
<b>SHORT CIRCUIT ZONE current</b>	>40 mA
<b>OPEN CIRCUIT ZONE current</b>	<4 mA
<b>TERNINAL RESISTOR ZONE / OUTPUT</b>	4K7 / 0.5W
<b>MAXIMUM NUMBER OF DETECTORS PER ZONE</b>	30 pieces
<b>OUTPUTS</b>	<p>"ALARM" - alarm output: relay contact 24V DC max. 5A  "AUX. OUT" - alarm output: voltage free relay contact max. 5A  "EXT. OUT" - extinguishing output: relay contact 24V DC max. 5A  "PRE. EXT. OUT" - extinguishing warning output: relay contact 24V DC max. 5A  "BAT. OUT" - auxiliary voltage output: relay contact 24V DC max. 5A</p>
<b>BATTERY</b>	Lead acid sealed battery 2x12 V, 7Ah
<b>CHARGING</b>	400mA, 16 h
<b>PROTECTIONS</b>	<p>230V: slow blow glass fuse 5x20mm 1A / 250V  Battery: slow blow glass fuse 5x20mm 5A / 250V.  Battery protection from: short circuit, faulty connection, overcharging, full discharge .</p>
<b>AUTONOMY</b>	72h stand by
<b>OPERATION VOLTAGE</b>	230Va.c.
<b>POWER SUPPLY</b>	FP-412: 27,6V / 1,8A max FP-424: 27,6V / 2,5A max
<b>DIMENSIONS</b>	FP-412: 290mm x 430mm x 850m FP-424: 290mm x 690mm x 85mm
<b>CONSTRUCTION MATERIAL</b>	Metallic box with electroststic paint