

FPA-1200-C Fire Panel

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Invented for life



- ▶ Easy upgrade to 2 loops by second LSN 0300 A module
- ▶ Connection of up to 254 elements (127 per loop)
- ▶ Remote operation by up to 3 Remote Keypads (via CAN or Ethernet)
- ▶ Auto-detection of modules and Plug-in of modules during operation
- ▶ Serial interface to Bosch Voice Evacuation System (EVAC)

Using the well-known LSN bus technology, the FPA-1200 Fire Panel offers efficient protection for small and medium-sized objects and is the ideal solution for 1- and 2-loop applications. It comes as standard with housing, controller, functional modules, power supply and additional accessories according to the country-specific requirements. It is ready-to-go after installation and configuration.

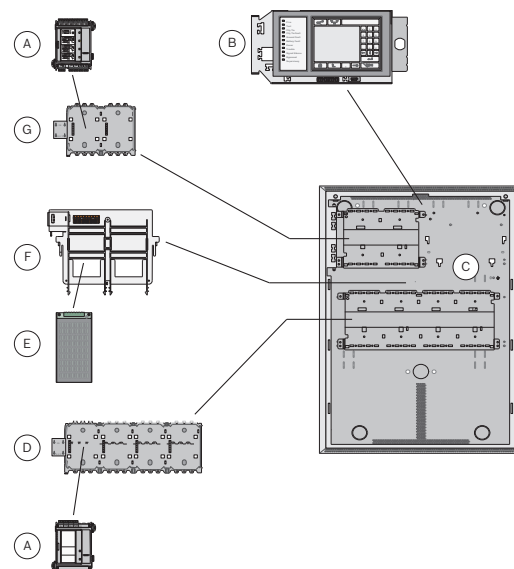
The configuration of the FPA-1200 is set using the FSP-5000-RPS programming software (included in the delivery) on a laptop connected to the panel.

Apart from connecting up to 3 Remote Keypads, the Ethernet interface allows for the connection to a Building Management System (BIS Bosch Building Integration System) via an OPC server. Additionally, an ADC-5000-OPC License Key is required to access the OPC server.

Another serial interface provides the option to use the FPA-1200 with the Bosch Voice Evacuation System (EVAC). For detailed information about the connection, refer to the data sheets on IOS 0020 and IOS 0232 Communication Modules.

The FPA-1200 can also be connected to the Bosch UGM-2020 Universal Security System (requires an FPE-5000-UGM Interface Module), and thus, be integrated into a large network system.

System overview



Pos.	Description
A	Functional Modules
B	Panel Controller

C	Panel Housing
D	Panel Rail Long
E	Power Supply
F	Power Supply Bracket
G	Panel Rail Short

Functions

Panel controller

The Panel Controller is the core of the system and shows all messages on the 14,5 cm (5.7") multi-color touch display. 11 LEDs provide continuous information about the operating status of the control panel and / or system.

The operation of the panel controller and the processing of all messages are performed on the TFT touch display as well. Messages and events are saved internally and can be viewed on the display at any time. A log printer for printing incoming messages can be connected.

The configuration is set and transmitted using the FSP-5000-RPS programming software on a laptop connected to the USB interface of the panel controller.

Modules

The functional modules are autonomous, encapsulated units that can be inserted into any control panel slot using "plug-and-play" technology. Thus, the power supply and the data traffic to the control panel are indicated automatically without any additional settings. The module is automatically identified by the control panel and is run in default operating mode. The wiring of peripherals is connected by pluggable screw terminals.

After the replacement of a module, only the terminals need to be reinserted; extensive rewiring is no longer required.

The following modules are included in the standard package. Additional modules for special applications can be ordered separately.

Module	Description
BCM-0000-B	Battery Controller Module <ul style="list-style-type: none"> module that controls batteries and power supply
LSN 0300 A	LSN Module 300 mA <ul style="list-style-type: none"> for the connection of an LSN loop with up to 127 elements, maximum line current 300 mA
RML 0008 A (Poland only)	Relay Module <ul style="list-style-type: none"> with 8 relays for low voltage applications

Certifications and approvals

Region	Certification	
Europe	CPD	0786-CPD-20819 FPA 1200
	CE	FPA-1200
Germany	VdS	G 209154 FPA-1200
Poland	CNBOP	2719/2009 FPA-1200
	CNBOP	0673/2009 FPA-1200
Austria	PFB	007/BM-PSys/019/1 FPA-1200/5000 Brandmeldesystem
	PFB	007/BM-PSys/020/1 FPA-1200/5000 Brandfallsteuerzentrale
Switzerland	VKF	AEAI 19197 FPA-1200_FPA-5000 Brandmeldesystem
		1142/DT/2011 FPA 1200
Belgium	BOSEC	TCC2-894/a FPA 1200_FPA 5000
	MOE	UA1.016.0070208-11 FPA-1200

Installation/configuration notes

- Upgrade to 2 loops requires second LSN 0300 A Functional Module
- Max. 2 LSN 0300 A Modules allowed
- Up to 127 LSN elements on each loop
- Max. 6 functional modules in total

Parts included

Qu ant.	Component
1	FPA-1200-MPC-C Panel Controller
1	LSN 0300 A Module 300 mA
1	BCM 0000 B Battery Controller Module
1	PRS 0002 A Panel Rail Short
1	PRD 0004 A Panel Rail Long
1	FPO-5000-PSB-CH Power Supply Bracket (not Germany)
1	UPS 2416 A Universal Power Supply
1	HCP 0006 A Panel Housing NOTE: Standard delivery for Germany: CPH 0006 A Housing Frame-mounted with Power Supply Bracket installed ex factory.
1	FBH 0000 A Mounting Frame Large (Germany only)
3	FDP 0001 A Dummy Cover Plate
1	RML 0008 A Relay Module (Poland only)
1	CD with FSP-5000-RPS Programming Software

Technical specifications

Electrical

Operating voltage	20 V DC to 30 V DC
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Mechanics

Display element	14.5 cm (5.7") multi-color TFT display
Operating element	Touch screen
Interfaces	<ul style="list-style-type: none"> • Ethernet • USB • RS232
Signal inputs	2
Dimensions (H x W x D)	638 mm x 440 mm x 149 mm (25.1 x 17.2 x 5.87 inch)
Weight	Approx. 20 kg (44 lb)

Environmental conditions

Permissible operating temperature	-5 °C to 50 °C
Permissible storage temperature	-20 °C to 60 °C
Protection class as per IEC 60529	IP 30

Ordering information**FPA-1200-C Fire Panel, BE**

lettering and user documentation in Dutch and French
Order number **FPA-1200-C-BE**

FPA-1200-C Fire Panel, CZ

lettering and user documentation in Czech
Order number **FPA-1200-C-CZ**

FPA-1200-C Fire Panel, DE

lettering and user documentation in German
Order number **FPA-1200-C-DE**

FPA-1200-C Fire Panel, ES

lettering and user documentation in Spanish
Order number **FPA-1200-C-ES**

FPA-1200-C Fire Panel, GR

lettering and user documentation in Greek
Order number **FPA-1200-C-GR**

FPA-1200-C Fire Panel, HU

lettering and user documentation in Hungarian
Order number **FPA-1200-C-HU**

FPA-1200-C Fire Panel, IT

lettering and user documentation in Italian and German
Order number **FPA-1200-C-IT**

FPA-1200-C Fire Panel, NL

lettering and user documentation in Dutch
Order number **FPA-1200-C-NL**

FPA-1200-C Fire Panel, PL

lettering and user documentation in Polish
Order number **FPA-1200-C-PL**

FPA-1200-C Fire Panel, PT

lettering and user documentation in Portuguese
Order number **FPA-1200-C-PT**

FPA-1200-C Fire Panel, RO

lettering and user documentation in Romanian and English
Order number **FPA-1200-C-RO**

FPA-1200-C Fire Panel, RU

lettering and user documentation in Russian
Order number **FPA-1200-C-RU**

FPA-1200-C Fire Panel, TR

lettering and user documentation in Turkish
Order number **FPA-1200-C-TR**

FPA-1200-C Fire Panel, ZA

lettering and user documentation in English
Order number **FPA-1200-C-ZA**

FPA-1200-C Fire Panel, APR

lettering and user documentation in English
Order number **FPA-1200-C-APR**

FPA-1200-C Fire Panel, EXPORT

lettering and user documentation in English
Order number **FPA-1200-C-EXP**

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