

# Fireman's Panel FMP Sense Edition Installation and Commissioning manual

O1952GB4



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# 1 Fireman's Panel FMP Sense Edition

The Fireman's Panel FMP Sense Edition is the primary information source of the place of alarm in the building for the fire brigade. The panel can be a simple display device or it can be used to silence and reset fire alarms. The Fireman's Panel FMP can connect to the Esmi Sense Fire Detection Panels; FDP221, FDP252 and FDP292 and the FX-3Net System. It is also backward compatible with FDP Sense Edition and FX-3Net systems. Fireman's Panel uses the INFO protocol for communication.

## Mechanical dimensions

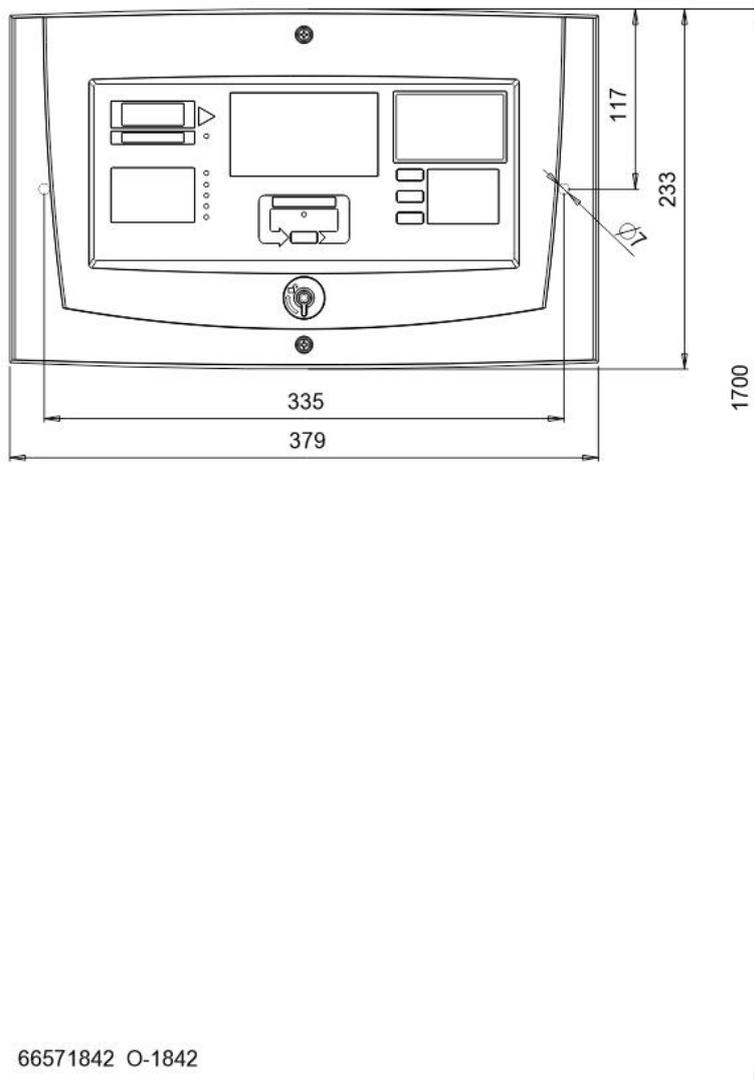


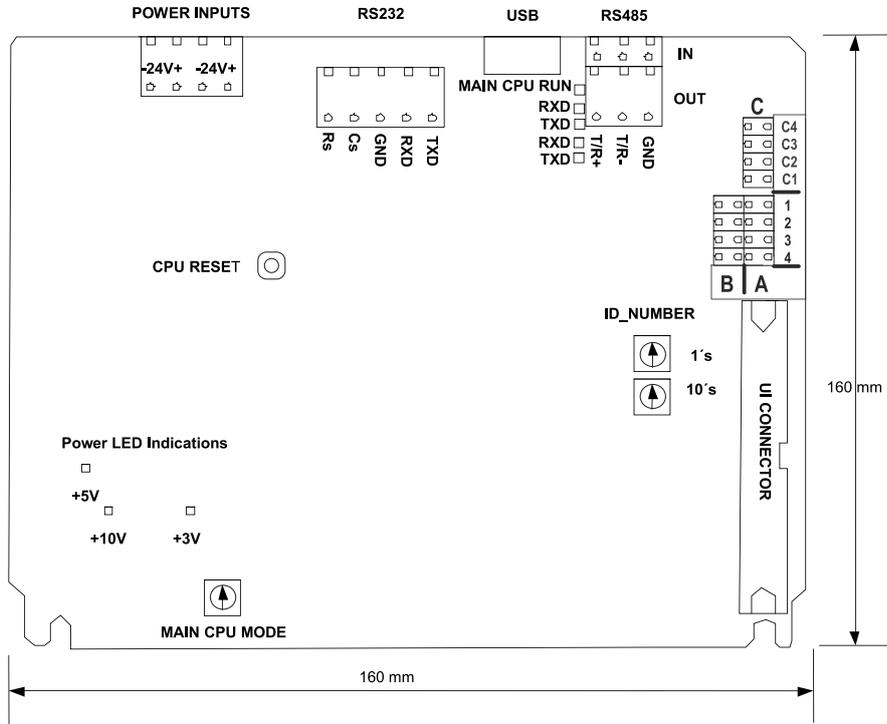
Figure 1. Fireman's Panel FMP Sense Edition Mechanical dimensions

## 2 Technical Data

Table 1. Fireman's Panel FMP Sense Edition technical data

<b>Product number</b>	FFS00702606xx
<b>Dimensions (W x H x D)</b>	379 x 233 x 54 mm
<b>Weight</b>	2,35 kg
<b>Colour</b>	White
<b>Operating Temperature</b>	+5°C ... +40°C
<b>Humidity</b>	max. RH 95%
<b>Operating Voltage</b>	19 ...30 VDC
<b>Standby current</b>	56 mA
<b>Alarm state current</b>	75 mA
<b>Serial communication ports</b>	In: RS485 Out: RS485 Service: RS232 or USB
<b>IP Rating</b>	IP30
<b>Note! Connect both 24 VDC inputs.</b>	

## 2.1 Electrical Connections



**Note! Connect both 24 VDC inputs.**

## 2.2 Settings

Table 2. Fireman's Panel FMP Sense Edition jumper settings

<b>A1</b>	OFF	FDP panel faults indicated
	ON	FDP panel faults not indicated
<b>A2</b>	OFF	Silence and reset in use
	ON	Silence and reset inhibited. FMP Sense edition own faults can be handled.
<b>A3</b>	OFF	FDP panel connection
	ON	ESA/MESA panel connection (message set F or older)
<b>A4</b>	OFF	FMP Sense Edition application
	ON	DAP Sense Edition application
<b>B1</b>	OFF	"Fire routing activated" LED ON when router is activated
	ON	"Fire routing activated" LED ON when router is activated and FMP displays fire
<b>B2</b>	OFF	OUT "B" port not in use
	ON	OUT "B" port in use
<b>B3</b>	OFF	IN "A" port baud rate 1200
	ON	IN "A" port baud rate 9600
<b>B4</b>	OFF	OUT "B" port baud rate 1200
	ON	OUT "B" port baud rate 9600
<b>C1</b>	OFF	Normal Use
	ON	Configuration State
<b>C2</b>	OFF	Normal Version
	ON	NL/BE Version
<b>C3</b>	OFF	Normal Use
	ON	Program Update
<b>C4</b>	OFF	DAP Sense Edition Prewarning indication off
	ON	DAP Sense Edition Prewarning indication on

## 3 Configuration

You can use the Fireman's Panel FMP Sense Edition in the Esmi Sense Fire Detection system without configuration. In this case the FMP Sense edition displays the same fire alarm information as the FDP panel that communicates with the Fireman's Panel.

If there is a need to display zone/area specific fire alarm information, you must configure the Fireman's Panel FMP Sense Edition. To set the panel into the configuration state, set the "C1" jumper to ON and restart the panel (push the CPU reset button) or use the configuration software. The configuration is done with the WinFMPX configuration tool and the incoming service serial port 232 or USB.

### 3.1 Configuration memory erasure

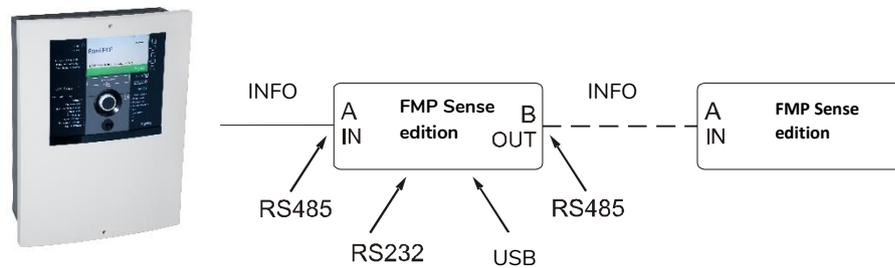
You can erase the configuration memory to the factory defaults as follows:

1. Disconnect power from the panel (power inputs PI1 and PI2).
2. Set the "C1" jumper to ON.
3. Turn the panel ID number switches to E (= 10s) and F (= 1s).
4. Connect power to the panel.
5. Obey the instructions on the panel screen.
6. When the screen shows the reboot request, disconnect power from the panel, set the ID switches to "0" and remove the "C1" jumper.
7. Connect power to the panel.
8. The panel starts without configuration data.

### 3.2 Software update

To set the panel to the software update state, set the "C3" jumper to ON and restart the panel (push the CPU reset button) or use Servit software. The software update is done by using the Servit software and the service serial port with RS232 or USB.

## 4 System principle



**Note!** The maximum number of DAP, FMP, REP, REPX-OB, MCO, MCOX-OB, ZLPX, ZLPX-IC Sense Edition units connected to one FDP panel is 16.  
The RS232 or USB is used for configuration and software update.

**Note!** The maximum permitted RS485 cable length between devices is 1000 m.  
The maximum permitted RS232 cable length between devices is 10 m.

