# FMP Sense Fireman's Panel

## Installation and Commissioning manual




## Safety Information

Electrical equipment should be installed, operated, serviced, and maintained only by qualified personnel. No responsibility is assumed by Schneider Electric for any consequences arising out of the use of this material.

A qualified person is one who has skills and knowledge related to the construction, installation, and operation of electrical equipment and has received safety training to recognize and avoid the hazards involved.

### *NOTICE*

**SHORT CIRCUIT AND ELECTROSTATIC DISCHARGE**

- Remove all power from the fire detection panel before you connect or disconnect wires in the fire detection system, and before you install or replace any parts.
- First disconnect the battery, then the main power supply.
- Use electrostatic discharge (ESD) protection when you connect or disconnect wires in the fire detection system, when you install or replace any parts and when you handle circuit boards and set jumpers or dip switches.

**Failure to follow these instructions can result in equipment damage.**

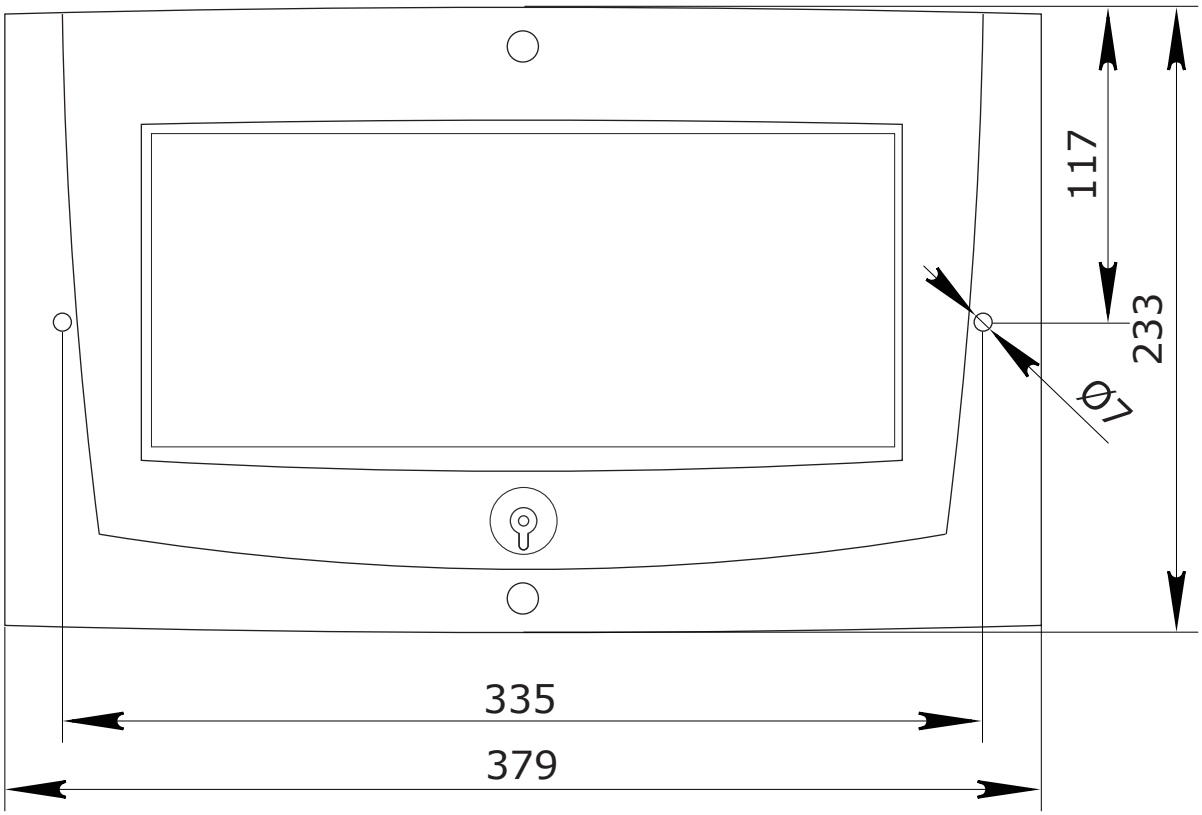
## FMP Sense Fireman's Panel

The FMP Sense Fireman's Panel is the primary information source for the fire brigade about the location of alarms in the building. The panel can be a simple display device or it can be used to silence and reset fire alarms. The Fireman's Panel can connect to the Esmi Sense Fire Detection Panels FDP221, FDP252 and FDP292 and to FX3Net systems. It is also backward compatible with older FMP versions. Fireman's Panels use the INFO protocol for communication.

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# FMP Sense Fireman's Panel
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### Mechanical Dimensions




Fireman's Panel mechanical dimensions

## Technical Data

### Fireman's Panel Technical Data

| | |
|---|---|
| Part number | FFS00702606xx |
| Dimensions (W × H × D) | 379 × 233 × 54 mm |
| Weight | 2.35 kg |
| Color | White |
| Operating temperature | +5 °C to +40 °C |
| Maximum relative humidity | 95% |
| Operating voltage | 19–30 VDC |
| Standby current | 56 mA |
| Alarm state current | 110 mA |
| Serial communication ports | In: RS-485<br>Out: RS-485<br>Service: RS-232 or USB |


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

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| | |
|---|---|
| IP rating | IP30 |

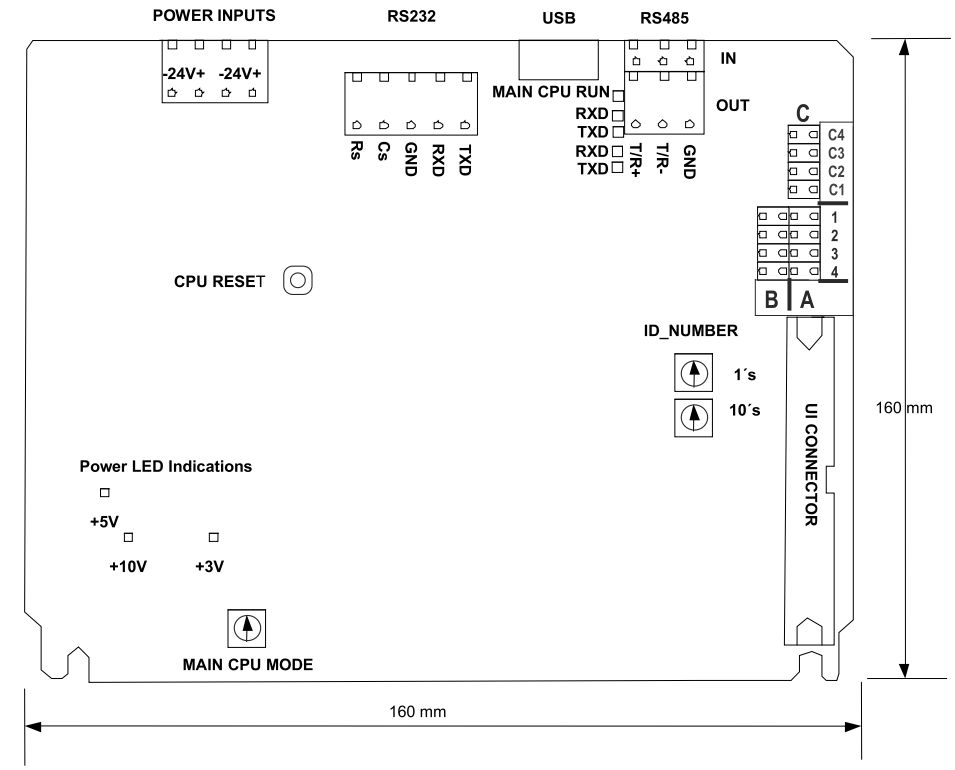
## Electrical Connections

**NOTICE**

**NON-COMPLIANCE**

For compliance with EN 54-2, connect both power supply inputs.

**Failure to follow these instructions can result in negative business impact and/or legal action.**




Electrical connections

## Settings


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### Fireman's Panel Jumper Settings

| Jumper ID | Mode | Description |
|---|---|---|
| A1 | OFF | FDP Fire Detection Panel faults indicated |
| | ON | FDP Detection Panel faults not indicated |
| A2 | OFF | Silence and reset in use |
| | ON | Silence and reset inhibited. Fireman's Panel own faults can be handled. |
| A3 | OFF | FDP Fire Detection Panel connection |
| | ON | ESA/MESA panel connection (message set F or older) |
| A4 | OFF | Fireman's Panel application |
| | ON | DAP Sense Delayed Alarm Panel application |
| B1 | OFF | “Fire routing activated” LED ON when router is activated |
| | ON | “Fire routing activated” LED ON when router is activated and FMP displays fire |
| B2 | OFF | OUT B port not in use |
| | ON | OUT B port in use |
| B3 | OFF | IN A port baud rate 1200 |
| | ON | IN A port baud rate 9600 |
| B4 | OFF | OUT B port baud rate 1200 |
| | ON | OUT B port baud rate 9600 |
| C1 | OFF | Normal use |
| | ON | Configuration state |
| C2 | OFF | Normal version |
| | ON | NL/BE version |
| C3 | OFF | Normal use |
| | ON | Program update |
| C4 | OFF | DAP Sense Delayed Alarm Panel pre-warning indication off |
| | ON | DAP Sense Delayed Alarm Panel pre-warning indication on |

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# FMP Sense Fireman's Panel
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## Configuration

**NOTICE**

**SHORT CIRCUIT**

Disconnect the connection to the fire detection panel or the previous INFO device during configuration.

**Failure to follow these instructions can result in equipment damage.**

You can use Fireman's Panels in Esmi Sense fire detection systems without configuration. Without configuration, the Fireman's Panel displays the same fire alarm information as the FDP Fire Detection Panel that communicates with the Fireman's Panel.

If you need to display zone-/area-specific fire alarm information, you must configure the Fireman's Panel. To set the panel to configuration mode, connect the C1 jumper 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 RS-232 or USB.

Refer to the WinFMPX user manual for more information.

### Configuration Memory Erasure

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

**To Erase the Configuration Memory**

① Disconnect power from the panel (power inputs PI1 and PI2).

② Connect the C1 jumper.

③ Rotate the panel ID number switches to E (= 10's) and F (= 1's).

④ Reconnect power to the panel.

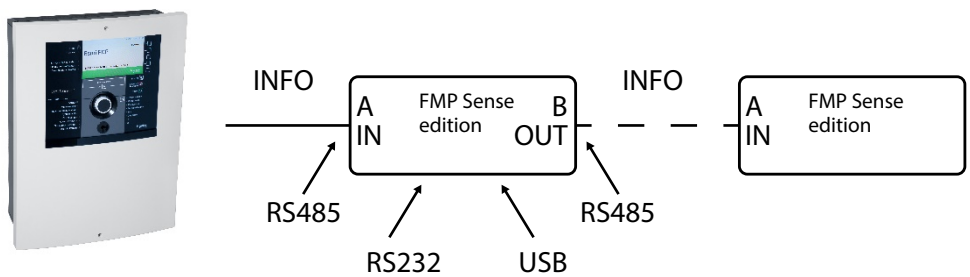
⑤ Follow the instructions on the panel display.

⑥ When the reboot request is displayed, disconnect power from the panel, rotate the panel ID number switches to “0” and remove the C1 jumper.

⑦ Reconnect power to the panel.

⑧ The panel starts without configuration data.

## System Principle




System principle

**IMPORTANT:**

- You can connect up to 16 DAP, FMP, REP, REPX-OB, MCO, MCOX-OB, MPO, MPOX-OB units to one FDP fire detection panel.
- Use the RS-232 or USB setting for configuration.
- The maximum RS-485 cable length between devices is 1,000 m.
- The maximum RS-232 cable length between devices is 10 m.


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### Company Information

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