

How to install the fire protection module in the distribution box



AI Overview

The FPX114 fire protection module should be installed in an IP65-rated, environmentally sealed enclosure within the distribution box, ensuring accessibility, protection from moisture and dust, and compliance with manufacturer guidelines.

Recommended Placement The FPX114 module is designed to be mounted inside a distribution box or control panel that provides environmental protection. The module comes in a polycarbonate IP65 enclosure with a transparent lid and integral cable gland, which allows it to be safely installed in areas exposed to dust, moisture, or other industrial conditions. The enclosure should be positioned so that the module is easily accessible for inspection, battery replacement, and testing.

Mounting Considerations

- Height and Accessibility:** Mount the module at a height that allows easy access for authorized personnel, similar to fire alarm control panels, typically between 3.5–5 feet above the floor for visibility and ease of use.
- Environmental Protection:** Avoid locations with extreme temperatures, high humidity, or direct exposure to water. The module's battery life is temperature-dependent, so a stable ambient temperature is preferred.
- Electrical Safety:** Ensure the module is installed in a UL-listed electrical box or equivalent enclosure if integrated with other electrical components, following local electrical codes.
- Cable Routing:** Use the provided 10 mm cable gland to route Linear Heat Detector (LHD) cables or external thermal switches into the module. Maintain proper separation from high-voltage lines to prevent interference.
- Integration with Distribution Box** The module can be linked to up to two FirePro units in parallel, so ensure sufficient space and wiring clearance within the distribution box. If the module is part of a larger fire alarm or suppression system, it should be installed near the main control unit for easier integration and monitoring,...

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Installation details of fire distribution box

The design of the distribution box needs to be firmly installed with the switch box, mainly to facilitate the later maintenance work; the location of the fire

The installation requirements for the distribution box

In this guide, we'll break down everything you need to know to install a distribution box correctly and confidently. Choose the right box based on environment (indoor/outdoor), load

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FPX114 Fire Protection Module User Guide and Manual | FirePro UK

Download FPX114 Fire Protection Module User Guide and Manual from FirePro UK's documentation library, including datasheets, wiring diagrams, case studies, brochures, O& M manuals, guidelines,

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Learn how to properly install a fire alarm module with these simple steps. This video covers the basics of fire alarm installation and what to consider when picking the nearest data point.

Fire alarm module wiring diagram

At the same time, different types of fire protection modules need to be connected according to different wiring requirements to ensure the correctness and stability of the connection.

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