

NOTIFIER XP10-M-A Ten-Input Monitor Module Owner's Manual

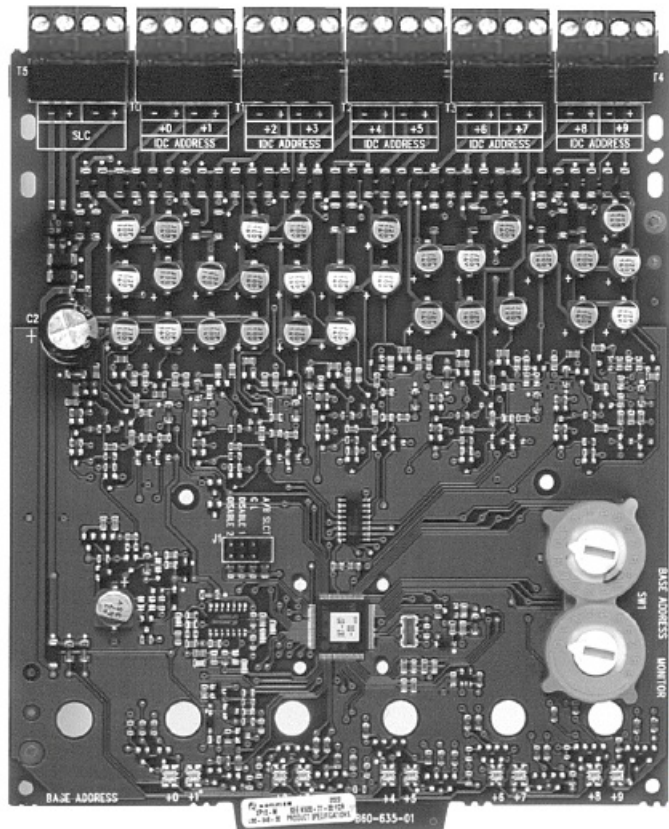
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NOTIFIER XP10-M-A Ten-Input Monitor Module



General

The XP10-M ten-input monitor module is an interface between a control panel and normally open contact devices in intelligent alarm systems such as pull stations, security contacts, or flow switches. The first address on the XP10-M is set from 01 to 150 and the remaining modules are automatically assigned to the next nine higher addresses. Provisions are included for dis-abling a maximum of two unused addresses. The supervised state (normal, open, or short) of the moni-tored device is sent back to the panel. A common SLC input is used for all modules, and the initiating device loops share a common supervisory supply and ground — otherwise each monitor operates independently from the others. Each XP10-M module has panel-controlled green LED indi-cators. The panel can cause the LEDs to blink, latch on, or latch off.

NOTE: Unless otherwise specified, the term XP10-M is used in this data sheet to refer to both the XP10-M and the XP10-MA (ULC-listed version).

Features

- Listed to UL Standard 864, 9th edition.
- Ten addressable Class B or five addressable Class A initi-ating device circuits.
- Removable 12 AWG (3.31 mm²) to 18 AWG (0.821 mm²) plug-in terminal blocks.
- Status indicators for each point.
- Unused addresses may be disabled.
- Rotary address switches.
- Class A or Class B operation.
- FlashScan® or CLIP operation.
- Flexible mounting options.
- Mounting hardware included.

Specifications

- Standby current: 3.5 mA (SLC current draw with all addresses used; if some addresses are disabled, the standby current decreases).
- Alarm current: 55 mA (assumes all ten LEDs solid ON).
- Temperature range: 32°F to 120°F (0°C to 49°C) for UL applications; –10°C to +55°C for EN54 applications.
- Humidity: 10% to 85% noncondensing for UL applications; 10% to 93% noncondensing for EN54 applications.
- Dimensions: 6.8" (172.72 mm) high x 5.8" (147.32 mm) wide x 1.25" (31.75 mm) deep.
- Shipping weight: 0.76 lb. (0.345 kg) including packaging.

Mounting options

- CHS-6 chassis: Up to 6 modules.
- BB-25 cabinet: Up to 6 modules.
- BB-XP cabinet: One or two modules.
- CAB-4 Series cabinet: See DN-6857.
- EQ Cabinet Series: See DN-60229.

Wire gauge: 12 AWG (3.31 mm²) to 18 AWG (0.821 mm²). Power-limited circuits must employ type FPL, FPLR, or FPLP cable as required by Article 760 of the NEC.

XP10-M is shipped in Class B position; remove shunt for Class A operation.

- Maximum SLC wiring resistance: 40 or 50 ohms, panel dependent.
- Maximum IDC wiring resistance: 1500 ohms.
- Maximum IDC voltage: 10.2 VDC.
- Maximum IDC current: 240 µA.

Agency Listings and Approvals

The listings and approvals below apply to the XP10-M(A) Ten-Input Monitor Module. In some cases, certain modules or applications may not be listed by certain approval agencies, or listing may be in process. Consult factory for latest listing status.

- UL Listed: S635
- ULC Listed: S635 (XP10-MA)
- CSFM approved: 7300-0028:219
- FM approved
- MEA approved: 43-02-E
- Maryland State Fire Marshal approved: Permit #2106

Product Line Information

- XP10-M: Ten-input monitor module.
- XP10-MA: Same as above with ULC Listing.
- BB-XP: Optional cabinet for one or two modules. Dimensions, DOOR: 9.234" (23.454 cm) wide (9.484"

[24.089 cm] including hinges), x 12.218" (31.0337 cm) high, x 0.672" (1.7068 cm) deep; BACKBOX: 9.0" (22.860 cm) wide (9.25" [23.495 cm] including hinges), x 12.0" (30.480 cm) high x 2.75" (6.985 cm); CHASSIS (installed): 7.150" (18.161 cm) wide overall x 7.312" (18.5725 cm) high interior overall x 2.156" (5.4762 cm) deep overall.


- BB-25: Optional cabinet for up to six modules mounted on CHS-6 chassis (below). Dimensions, DOOR: 24.0" (60.96 cm) wide x 12.632" (32.0852 cm) high, x 1.25" (3.175 cm) deep, hinged at bottom; BACKBOX: 24.0" (60.96 cm) wide x 12.550" (31.877 cm) high x 5.218" (13.2537 cm) deep.
- CHS-6: Chassis, mounts up to six modules in a CAB-4 Series (see DN-6857) cabinet, EQ Cabinet Series (see DN-60229), or BB-25.

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Documents / Resources

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|  | <p>NOTIFIER XP10-M-A Ten-Input Monitor Module [pdf] Owner's Manual XP10-M-A Ten-Input Monitor Module, XP10-M-A, Ten-Input Monitor Module, Monitor Module, Module</p> |
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References

-  [Fire Alarm Resources | Download fire alarm documents](#)
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