

XP10-M

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 disabling a maximum of two unused addresses.

The supervised state (normal, open, or short) of the monitored 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 indicators. The panel can cause the LEDs to blink, latch on, or latch off.

Features

- Listed to UL Standard 864, 9th edition.
- Ten addressable Class B or five addressable Class A initiating device circuits.
- Removable 12 AWG (3.31 mm²) to 18 AWG (0.821mm²) 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 for PCM-3

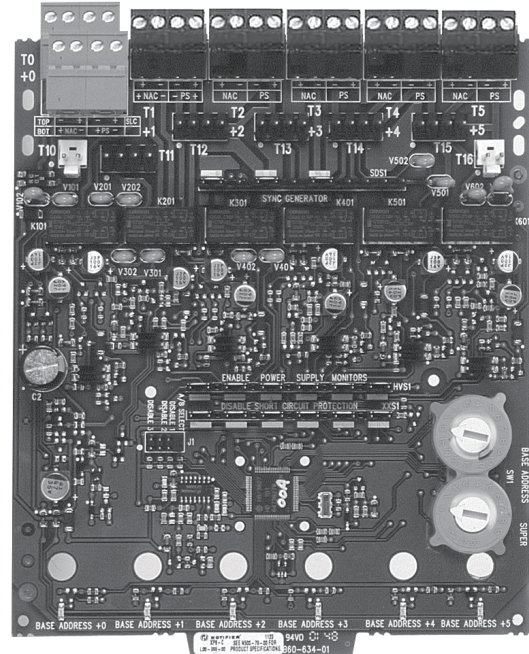
Standby current: 3.5 mA (SLC current draw with all addresses used; if some addresses are disabled, the standby current decreases).

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
- EQ Cabinet Series

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.

SE-190517-C



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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.

CHS-6: Chassis, mounts up to six modules in a CAB-4 Series cabinet, EQ Cabinet Series, or BB-25.