GENERAL

The XP5 Series Transponders provide addressable NOTIFIER Fire Alarm Control Panels with monitor and control functions. They are capable of monitoring or controlling a maximum of five individual circuits each. XP5 modules communicate with the FACP and can function as Initiating Device Circuits (IDCs), Notification Appliance Circuits (NACs), telephone circuits, or Form-C relays.

**XP5-M Transponder Module** — monitors five Class B IDCs, each with a maximum loop resistance of 1,200 ohms. These circuits accept normally open contact initiating devices (manual pull stations, heat detectors, four-wire smoke detectors, etc.). One XP5-M occupies five consecutive addresses on the signaling line circuit (SLC). All five circuits are addressed collectively with two switches, and each circuit has one red LED status indicator.

**XP5-C Transponder Module** — Each of the five circuits of the XP5-C can act as a circuit for notification appliance, speaker, or telephone (ring signal not provided), or as a Form-C relay. As a circuit for notification appliance, speaker, or telephone, it provides power and monitors a Class B circuit. A push-button switch changes the circuit to a Form-C relay. One XP5-C occupies five consecutive addresses on the SLC. All five circuits are addressed collectively with two switches, and each circuit has one green LED status indicator. This module comes with a LEXAN® cover that must be mounted onto the front of the module to protect the switch settings and prevent contact with potentially high voltages.

LEXAN® is a registered trademark of GE Plastics, a subsidiary of General Electric Company.

FEATURES

- Five Class B initiating device circuits provided by XP5-M.
- Supports FlashScan® operation.
- Five individually configurable outputs which function as Class B notification appliance/speaker/telephone circuits, or as Form-C relays — provided by XP5-C.
- Status indicators for each point.
- CHS-6 chassis mounts multiple XP5 modules in a CAB-3/CAB-4 Series or BB-25 cabinet.
- BB-XP cabinet mounts one or two XP5 modules, and comes with an installed chassis.

SPECIFICATIONS

**Used with:** XP5 modules operate with the NOTIFIER AM2020, AFP1010, AFP-400, AFP-300, AFP-200, and the System 5000 (used with the AIM-200). FlashScan® operation is supported with the NOTIFIER AFC-600 and NFS-640.

**Mounting:** Up to six XP5 modules can be mounted on a CHS-6 chassis, which mounts in a CAB-3 or CAB-4 backbox. One or two modules can be mounted in a BB-XP cabinet.

**Wiring:** Each XP5 module comes with pluggable screw terminal blocks that accept wire sizes 18 AWG (0.75 mm²) to 12 AWG (3.25 mm²).

**Contact Ratings:**

- 3.0 A @ 30 VDC, resistive, non-coded.
- 2.0 A @ 30 VDC, resistive, coded.
- 0.9 A @ 110 VDC, resistive, non-coded.
- 0.9 A @ 125 VAC, resistive, non-coded.
- 1.0 A @ 30 VDC, inductive (L/R = 2 ms), coded.
- 0.5 A @ 30 VDC, inductive (L/R = 5 ms), coded.
- 0.5 A @ 125 VDC, inductive (PF = 0.35), non-coded.

- 70.7 VAC, 60 W maximum.
- 25 VAC, 50 W maximum.
Contact Ratings:

<table>
<thead>
<tr>
<th>MODULE</th>
<th>PRIMARY, NON-FIRE ALARM CURRENT</th>
<th>PRIMARY, FIRE ALARM CURRENT*</th>
<th>SECONDARY, NON-FIRE ALARM CURRENT</th>
</tr>
</thead>
<tbody>
<tr>
<td>XP5-M</td>
<td>1651 μA</td>
<td>3000 μA</td>
<td>1651 μA</td>
</tr>
<tr>
<td>XP5-C Relay</td>
<td>840 μA</td>
<td>840 μA</td>
<td>840 μA</td>
</tr>
<tr>
<td>XP5-C NAC</td>
<td>1481 μA</td>
<td>1481 μA</td>
<td>1481 μA</td>
</tr>
</tbody>
</table>

*Fire alarm current draw is for five address points per XP5 module.

PRODUCT LINE INFORMATION

XP5-M Transponder module, monitors up to five Class B IDCs, which monitor normally open contact initiating devices.

XP5-C Transponder module, provides up to five individually configurable outputs which function as Class B notification appliance/speaker/telephone circuits, or as Form-C relays.

BB-XP Cabinet, holds one or two XP5 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 Cabinet, holds up to six XP5 modules mounted to a 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, used with BB-25 (above) for up to six XP5 modules. Dimensions: 19.0” (48.26 cm) wide overall, x 7.312” (18.5725 cm) high interior overall, x 2.156” (5.4762 cm) deep overall.

CAB-3 and CAB-4 Series Series Cabinets

See data sheets DN-3549 (CAB-3 Series) and DN-6857 (CAB-4 Series).