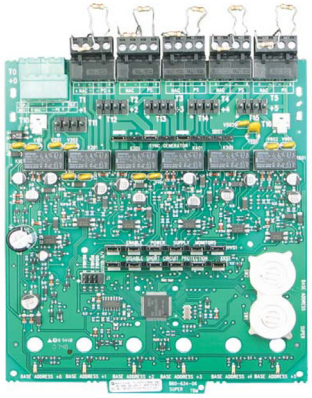
NOTIFIER® by Honeywell

XP6-C

Six Circuit Supervised Control Module

Intelligent/Addressable Devices



XP6-C

General

Notifier's XP6-C six-circuit supervised control module provides intelligent alarm systems with supervised monitoring of wiring to load devices that require an external power supply to operate, such as horns, strobes, or bells. Each module is intended for switching applications involving AC, DC or audio, which require wiring supervision. Upon command from the control panel, the XP6-C will disconnect the supervision and connect the external power supply across the load device.

The first module is addressed from 01 to 154 while the remaining modules are automatically assigned to the next five higher addresses. Each XP6-C module has terminals for connection to an external supply circuit for powering devices on its Notification Appliance Circuit (NAC). One or multiple power supplies or amplifiers may be used.

NOTE: Provisions are included for disabling a maximum of three unused addresses.

Each XP6-C module features a short-circuit-protection monitor to protect the external power supply against short-circuit conditions on the NAC. When an alarm condition occurs, the relay which connects the external supply to the NAC will not be allowed to close if a short-circuit condition currently exists on the NAC. Additionally, an algorithm is incorporated to find shorts when the module is active. The XP6-C module will close all circuits that are not shorted to find the NAC with the problem.

Each XP6-C module has panel-controlled green LED indicators and the control panel can cause the LEDs to blink, latch on, or latch off.

Features

- Six addressable outputs that function as notification appliance/speaker/telephone circuits.
- Removable 0.75 mm^2 to 1.5 mm^2 plug-in terminal blocks.
- Status indicators for each point.
- Unused addresses may be disabled (up to 3).
- Rotary address switches.
- FlashScan® or CLIP operation.
- Mounting hardware included.

Specifications

Standby Current	2.25 mA (SLC current draw with all addresses used; if some addresses are disabled, the standby current decreases).
Alarm Current	35 mA (assumes all six NACS have been switched once and all six LEDs solid ON).
Temperature Range	–10 C to +55 C.
Humidity	10% to 93% noncondensing
Dimensions	172.72 mm high x147.32 mm wide x 31.75 mm deep.
Wire Gauge	0.75mm^2 to 1.5mm^2
EOL Value	47K ohms.
Maximum NAC Wiring Resistance	40 ohms.
Power Rating Per Circuit	63 W @ 70.7 VAC, 50 W @ 25 VAC.
Relay Contact Ratings	30 VDC, 110 VAC.
Current Ratings	3.0 A @ 30 VDC maximum, resistive, noncoded. 2.0 A @ 30 VDC maximum, resistive, coded. 1.0 A @ 30 VDC maximum, inductive (L/R = 2 ms), coded. 0.5 A @ 30 VDC maximum, inductive (L/R = 5 ms), coded.

NOTE: Caution needs to be taken with heavy inductive loads

Ordering Information

XP6-C	Six Circuit Supervised Control Module

Agency Listings and Approvals

These listings and approvals apply to the module specified in this document. In some cases, certain module or applications may not be listed by certain approval agencies, or listing may be in process. Consult the factory for the latest listing status.

SAI Global : License SMK40640-2

Country of Origin: Mexico

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