

# XP6-C

## Six Circuit Supervised Control Module



Intelligent/Addressable Devices

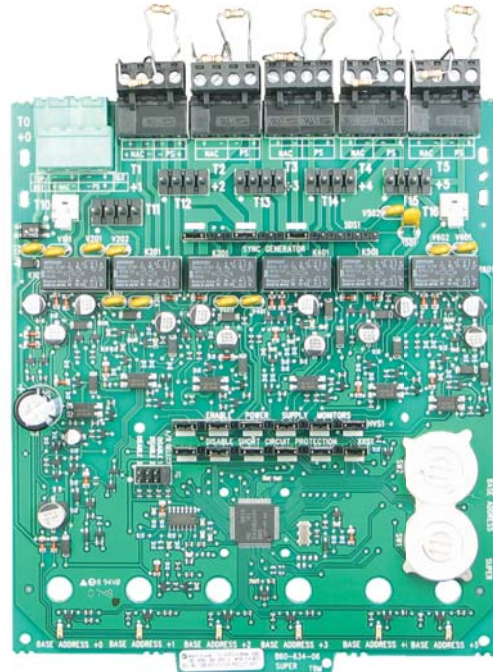
### General

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. The 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<sup>2</sup> to 1.5 mm<sup>2</sup> 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.

### Approvals

CSIRO ActivFire listed for use with Notifier AFP-2800 Fire Indicator Panels in afp - 1459.

## Specifications

<b>Standby Current:</b>	2.25 mA (SLC current draw with all addresses used; if some addresses are disabled, the standby current decreases).
<b>Alarm Current:</b>	35 mA (assumes all six NACS have been switched once and all six LEDs solid ON).
<b>Temperature Range:</b>	-10°C to +55°C.
<b>Humidity:</b>	10% to 93% noncondensing
<b>Dimensions:</b>	172.72 mm high x 147.32 mm wide x 31.75 mm deep.
<b>Wire gauge:</b>	0.75mm <sup>2</sup> to 1.5mm <sup>2</sup>
<b>EOL Value:</b>	47K ohms.
<b>Maximum NAC Wiring Resistance:</b>	40 ohms.
<b>Power Rating per Circuit:</b>	63 W @ 70.7 VAC, 50 W @ 25 VAC.
<b>Relay Contact Ratings:</b>	30 VDC, 110 VAC.
<b>Relay Contact Ratings:</b>	30 VDC, 110 VAC.
<b>Current Ratings:</b>	3.0 A @ 30 VDC maximum, resistive, non-coded. 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.

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