CMP-2401B/CMP-2402B

One- and Two-Zone, Class B Conventional FACPs

FIRE·LITE®ALARMS

by Honeywell

General

Fire-Lite's Canadian Mini-Panel Series consists of the CMP-2401B and CMP-2402B, one- and two-zone, Class B, conventional Fire Alarm Control Panels (FACPs). These panels meet current ULC requirements. The MiniPanels meet a variety of low-end commercial, industrial, and institutional applications.

Features

- One- or two-zone non-expandable construction.
- One (CMP-2401B) or two (CMP-2402B) Class B Initiating Device Circuit(s) (IDCs).
- IDC(s) support normally-open contact devices and two-wire smoke detectors. *Refer to Fire•Lite Device Compatibility Document for listed compatible devices.*
- Single built-in, Class B Notification Appliance (Signal) Circuit (NAC).
- 1.25 amps of NAC power.
- NACs feature 60-second Silence Inhibit, standard.
- Alarm and Trouble relays standard (Form-C).
- 24-volt operation.
- Resettable four-wire smoke detector power @ 85 mA.
- Integral battery charger capable of charging up to 7 AH batteries.
- Battery deep discharge protection.
- Reverse polarity protection.
- Fuseless, power-limited technology meets all the latest ULC power-limiting requirements.
- Control switches for:
  - Reset.
  - Trouble Silence.
  - Signal Silence: Zone One.
  - Signal Silence: Zone Two (CMP-2402B only).
- LED indicating lamps:
  - AC Power (Alimentation): GREEN.
  - Zone Alarm (Alarme Zone #): RED.
  - Zone Trouble (Trouble Zone #): YELLOW.
  - Bell Trouble (Trouble Cloche): YELLOW.
  - Option Module Trouble (Trouble Option): YELLOW.
  - System Trouble (Trouble Systeme): YELLOW.
  - Zone Silence (M.S. Silence Zone): YELLOW.
  - Ground Fault (Faute M.A.L.T.): YELLOW.
  - Battery Trouble (Trouble Piles): YELLOW.
- Integral piezo sounder signaling provides:
  - Alarm – steady signal.
  - Trouble – pulsed signal.
- Electronics and operational controls fully enclosed in lockable cabinet capable of housing 7 AH batteries.
- Standard dead-front dress panel, as required by ULC.
- RTB Remote Trouble Buzzer option.
- Local energy or remote station connection with optional 4XTMF.

cmp2401.jpg

Specifications

- **AC Power:**
  - 120 VAC, 60 Hz, 0.5 amps.
  - Fuse F2 – 2 amp, 3AG Slow Blow.
- **Wire size:** Minimum #14AWG (2.0 mm²) wire with 600 V insulation.
- **Notification appliance (signal) power:** 1.25 amps.
- **Maximum battery charging capacity:** 7 AH.

INITIATING DEVICE CIRCUITS (ZONES)

- One Class B: CMP-2401B.
- Two Class B: CMP-2402B.
- Zones support:
  - Two-wire smoke detectors and any normally-open contact devices.
- All circuits are power-limited and supervised, meeting the latest ULC requirements using fuseless technology.

NOTIFICATION APPLIANCE CIRCUIT (NAC)

- One Class B @ 1.25 amps
- NACs include 60-second Silence Inhibit feature, standard.
- All circuits are power-limited and supervised, meeting the latest ULC requirements using fuseless technology.

AUXILIARY OUTPUTS

- Resettable four-wire smoke detector power @ 85 mA.
- Integral Form-C Alarm and Trouble relays, rated at: 2.0 amps @ 30 VDC (resistive), 2.0 amps @ 30 VAC (resistive).

CABINET SPECIFICATIONS

The cabinet is red. Knockouts on the top, sides, and back provide ease of wire entry. The compact cabinet can be surface- or semi-flush mounted.

Cabinet measurements: 36.83 cm high x 31.75 cm wide x 7.303 cm deep. **Outer measurements of optional trim ring:** 44.766 cm high x 42.288 cm wide.

Product Line Information

CMP-2401B: 24-Volt, 1-zone, Class B, ULC listed FACP. Includes dead-front dress panel.

CMP-2402B: 24-Volt, 2-zone, Class B, ULC listed FACP. Includes dead-front dress panel.

TR-3-R: Semi-flush trim ring, red.

RTB: Optional Remote Trouble Buzzer.

4XTMF: Optional Remote station output or municipal box connection.

BAT-1270: Battery, 12 volt, 7.0 AH (two required).

2401BRB: Replacement board for CMP-2401B.

2402BRB: Replacement board for CMP-2402B.

29050: Replacement power supply.

Listings and Approvals

These listings and approvals apply to the basic CMP-2401B/CMP-2402B . In some cases, certain modules may not be listed by certain approval agencies, or listing may be in process. Consult factory for latest listing status.

• ULC: UOJZC.S624

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This document is not intended to be used for installation purposes. We try to keep our product information up-to-date and accurate. We cannot cover all specific applications or anticipate all requirements. All specifications are subject to change without notice.

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