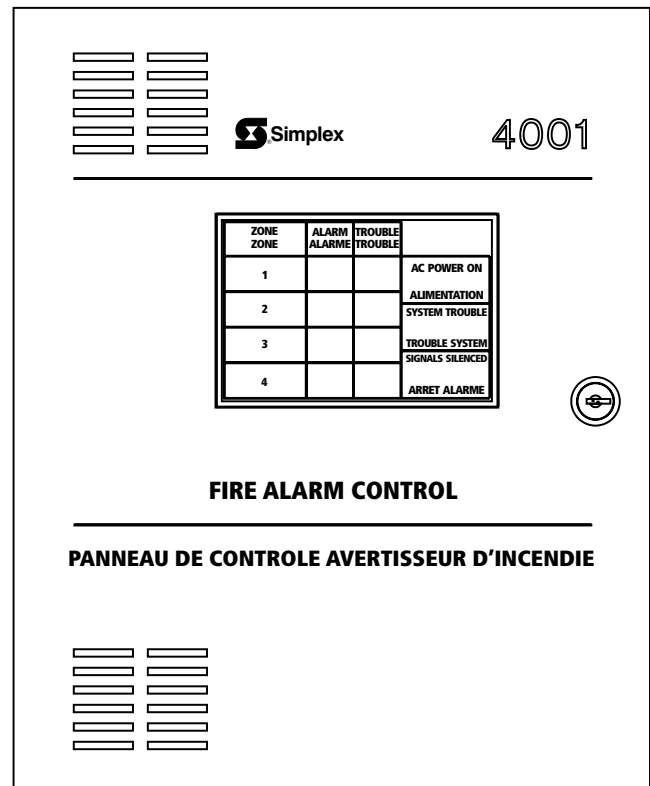


ULC Listed

Fire Alarm Controls
4001-9304C

FEATURES

- Four monitor zones
- Up to 18 two-wire smoke detectors per zone
- Signal circuits — 2 class B or 1 class A — field configurable
- Selectable alarm verification
- Self-contained audible trouble signal
- One normally open city contact
- One form C alarm auxiliary contact
- One form C trouble contact
- Transient suppression for municipal connections on power supply
- Automatic battery charger
- Standby batteries
- Surface or semi-flush mounting
- Alarm/trouble system walk test
- Alarm resound
- Battery supervision
- Earth ground supervision
- Brown out supervision of AC power
- Automatic signal silence
- DIP switch selectable programming
- End-of-line devices and batteries included
- ULC Listed to CAN-ULC-S527-99



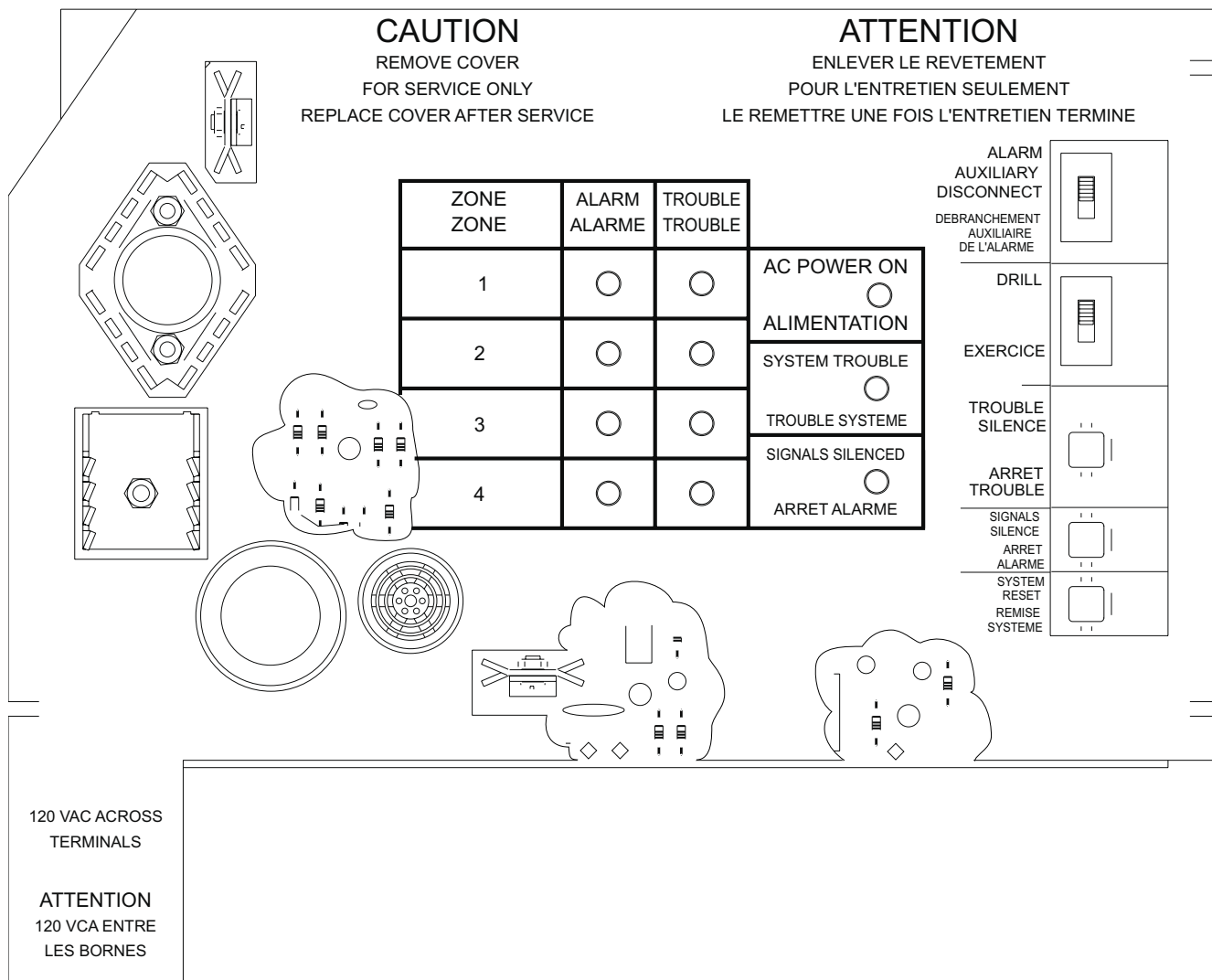
4001-9304C

OPTIONS

- Option Board - supervised annunciator output
 - auxiliary resettable power
 - non-silenceable trouble contact
- Semi-flush trim kit
- External battery & cabinet for 60 hour backup

SPECIFICATIONS

Input1.2A @ 120VAC 60 Hz
 Humidity85% non-condensing @ 30°C
 Temperature0°C to 49°C
 Weight.....Approximately 10kg c/w batteries
 ColourBeige
 Knockouts1/2"



OPERATOR'S PANEL

OPERATOR INTERFACE SWITCHES

- Signals Silence
- System Reset
- Trouble Silence
- Alarm Auxiliary Disconnect
- Drill

LED INDICATORS

- Green AC Power On
- Yellow Power Trouble
- Yellow System Trouble
- Yellow Earth Trouble
- Red Alarm for Each Zone
- Yellow Trouble for Each Zone
- Yellow Signal Circuit Trouble
- Yellow Signals Silenced Trouble

DIP SWITCH SELECTABLE PROGRAMMING

SYSTEM WALK TEST — Activating an initiating device will cause the indicating appliance to signal a simple code (zone number) without actuating the municipal connection or auxiliary alarm outputs and will then automatically reset. Momentarily opening a monitor zone or signal circuit will cause the indicating appliance to operate for 4 seconds, thereby testing electrical supervision.

ALARM VERIFICATION — Activation of any smoke detector will initiate an alarm verification cycle. The control will retard the activation of the indicating appliances for 30 seconds. During this delay, if any other device activates, the alarm will be confirmed and the indicating appliances energized. If a second device does not activate during the 30-second delay, the control will reset and begin a 60-second confirmation cycle. During the confirmation cycle, should any device alarm, on any zone, the indicating appliance circuit will energize. Should the verification cycle end without “incident” the panel will return to its normal state. Manual stations, heat detectors, and

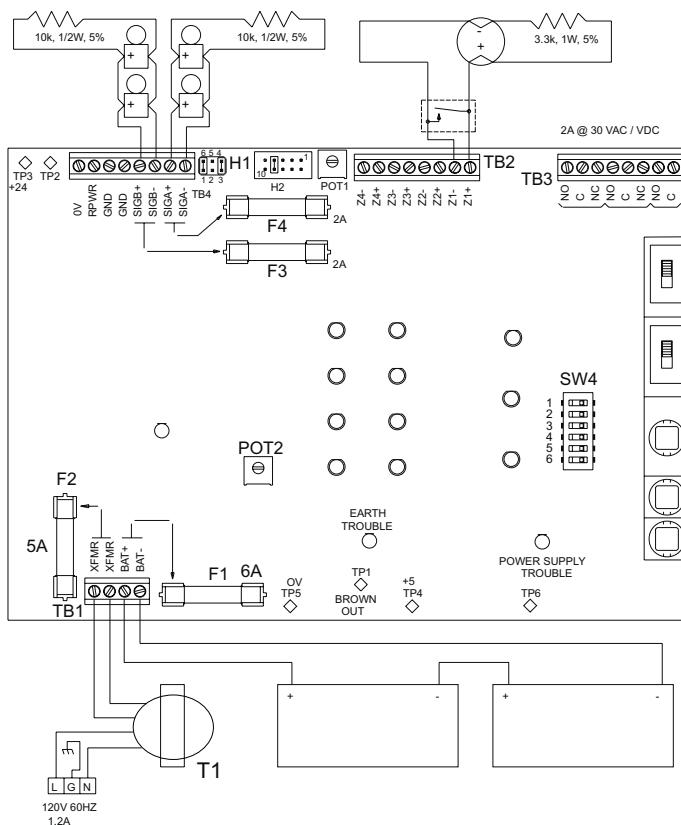
waterflow switches will always cause the fire alarm control to activate immediately.

TEMPORAL PATTERN — Causes the indicating appliances to sound the temporal pattern.

ALARM SILENCE INHIBIT — Disables the signals silence and system reset switches for 1 or 3 minutes.

AUTOMATIC SIGNAL SILENCE — Silences the alarm signals after 20 minutes.

TYPICAL 4001-9304C SYSTEM LAYOUT



TYPICAL WIRING CONNECTIONS. FOR MORE DETAILED WIRING INSTRUCTIONS, REFER TO OPERATION AND INSTALLATION INSTRUCTIONS, S01575-109.

FEATURE SELECTION CHART	
PID	DESCRIPTION
4001-9304C	4 Zone Control, 120VAC Input, c/w batteries & End-of-Line Resistors
4001-9850C	Option Board Kit
2975-9801	Semi-Flush Trim Kit
4009-9801 & 2081-9275	External Battery Cabinet & 18 Ah Battery (order [2] 2081-9275)

