B926F Fire keypad, SDI2

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The B926F Fire Keypad is a fully supervised SDI2 device for fire applications.

Each keypad has user-adjustable backlit keys, a display that shows system messages, and a sounder. The sounder emits distinct condition tones to alert you to a fire alarm, a fire trouble, or fire supervisory events as they occur. The keypad includes fire status indicators and fire function keys.

Functions

LCD display

The keypad uses words, numbers, and symbols to show the status of the security system. When several events occur, the keypad shows each event in order of priority.

Keys

Each keypad has 10 number keys and 5 navigation keys.

When pressed, keys turn on keypad backlighting and emit the keypress tone (short beep). The keypad has 4 Fire function keys:

- ACK. Press to acknowledge the system alarm or trouble condition.
- · SILENCE. Press to silence fire alarms or troubles.

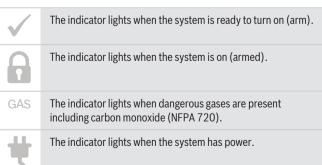
- ► Fire keypad with fire function keys: ACK, SILENCE, RESET, and DRILL
- ➤ 2-line LCD display with up to 32 character point, user, and area names
- Simple menu-style user interface with dedicated function buttons for common commands, including status indication
- Quickly identifiable, visual indicators for critical system statuses
- ► Simple installation with self-locking base and chassis design, plus built-in bubble level
 - RESET. Press to reset devices such as smoke detectors, and clear restored points.
 - DRILL. Press and hold to initiate a fire drill.

Audible tones

The keypad has a built-in sounder that produces several distinct warning tones. The tones are differentiated so that the user can recognize an event simply by hearing its associated tone.

Status indicators

The status indicators on the keypad provide a quick visual reference for system status.



Fire status indicators

In conjunction with the display and status indicators, the fire keypad includes Fire status indicators.

| | The indicator lights when a fire alarm condition exists. |
|---------|---|
| Ø | The indicator lights when a user silenced a fire alarm condition. |
| 0 | The indicator lights when a supervisory point is not normal. |
| <u></u> | The indicator lights when there is a trouble condition |

Certifications and approvals

| Region | Regulate | ory compliance/quality marks |
|--------|--------------|---|
| USA | ANSI- SIA | CP-01-2010-Control Panel Standard - Features for False Alarm Reduction |
| | UL | UL 365 - Police Station Connected Burglar Alarm Units |
| | UL | UL 609 - Standard for Local Burglar Alarm Units and Systems |
| | UL | UL 636 - Holdup Alarm Units and Systems |
| | UL | UL 864 - Standard for Control Units and Accessories for Fire Alarm Systems |
| | UL | UL 985 - Household Fire Warning System Units |
| | UL | UL 1023 - Household Burglar Alarm System Units |
| | UL | UL 1076 - Proprietary Burglar Alarm Units and Systems |
| | UL | UL 1610 - Central Station Burglar Alarm Units |
| | UL | [B9512G, B9512G-E, B8512G, B8512G-E, B299, B600, B901, B925F, B926F] |
| | UL | UL 294 - Standard for Access Control Units and Systems |
| | UL | UL 1635 - Standard for Digital Alarm Communicator System Units |
| | CSFM | California Office of The State Fire Marshall |
| Canada | ULC | CAN/ULC S303 - Local Burglar Alarm Units and Systems |
| | ULC | CAN/ULC S304 - Standard for Signal Re- ceiving Center and Premise Burglar Alarm |
| | ULC | CAN/ULC S545 - Residential Fire Warning System Control Units |
| | ULC | ULC-ORD C1023 - Household Burglar Alarm System Units |
| | ULC | ULC-ORD C1076 - Proprietary Burglar Alarm Units and Systems |

| Region | Regulatory compliance/quality marks | |
|--------|-------------------------------------|--|
| | ULC | [B9512G, B9512G-E, B8512G, B8512G-E, B299, B600, B901, B925F, B926F] |
| | IC | ICES-003 - Information Technology Equipment (ITE) |

Installation/configuration notes

Mounting considerations

Mount in indoor, dry locations.

Power supply

A compatible control panel supplies the power and data requirements to the keypad through a four-wire connection.

Enclosure and wiring

The sliding self-locking enclosure has an integrated bubble level and custom gap-free, lift-gate style terminal blocks to make installation easier.

Compatible control panels

B9512G/B9512G-E B8512G/B8512G-E

Parts included

| Quan tity | Component |
|--------------|------------------------------|
| 1 | Keypad |
| 1 | Hardware pack |
| 1 | Installation Guide |
| 1 | User's Quick Reference Guide |

Technical specifications

Power requirements

| Current | Standby: 35 mA Alarm: 70 mA |
|-----------------|--------------------------------|
| Voltage (input) | 12 VDC nominal |

Materials and hardware features

| Dimensions | 158 mm x 120 mm x 26 mm (6.2 in x 4.7 in x 1 in) |
|----------------|---|
| Weight | 0.32 kg (11.3 oz) |
| Material | Acrylonitrile butadiene styrene (ABS) Poly(methyl methacrylate) (PMMA) |
| Display window | 2 line display 18 characters per line |
| Indicators | Illuminated keys Status indicators Warning and indicating tones |

Wiring

| Terminal wire size | 1.02 mm (18 AWG) to 0.65 mm (22 AWG) |
|--------------------|--|
| SDI2 wiring | Maximum distance - wire size: 260 m (850 ft) - 0.65 mm (22 AWG) 305 m (1000 ft) - 1.02 mm (18 AWG) |

Environmental considerations

| Relative humidity | 5% to 93% at +32°C (+90°F) |
|-------------------------|--------------------------------|
| Temperature (operating) | 0°C to +49°C (+32°F to +120°F) |

Ordering information

B926F Fire keypad, SDI2

Two-line alphanumeric fire keypad Order number B926F

Accessories

B56 Keypad surface mount box

Surface mount box for mounting a keypad to concrete or block.

Order number **B56**

B96 Trim plate for keypad

Cover the wall footprint of previous keypads when replacing them with the new, slim design of B Series keypads. The white trim bezel is 8.6 in x 6.3 in x 0.12 in (22 mm x 16 mm x 3 mm).

Order number B96

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