B926F Fire keypad, SDI2

BOSCH
Invented for life

- ▶ 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

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.

- • 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.

✓	The indicator lights when the system is ready to turn on (arm).
🔒	The indicator lights when the system is on (armed).
GAS	The indicator lights when dangerous gases are present including carbon monoxide (NFPA 720).
🔌	The indicator lights when the system has power.

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.
🔕	The indicator lights when a user silenced a fire alarm condition.
👁	The indicator lights when a supervisory point is not normal.
⚠	The indicator lights when there is a trouble condition

Certifications and approvals

Region	Regulatory 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 Receiving 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

Quantity	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℃ (+90℉)
Temperature (operating)	0℃ to +49℃ (+32℉ to +120℉)

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**