

220VAC with 9VDC Battery Back-Up Single/Multiple Station Smoke Alarm



APPLICATIONS

The Shield photoelectric smoke detector is designed for residential and commercial residential applications, including homes, apartments, hospitals, hotels and motels, in compliance with UL217, UL1730 applicable IBC/IFC Standards and NFPA72.

Available in many different models, the detector is engineered to virtually eliminate nuisance alarms and deliver outstanding performance wherever reliable fire protection is required. The range is provided with a 9VDC alkaline battery for back-up in the event building power is lost. The battery impedance is verified and the alarm provides a low or missing battery warning.

This range of detector provides an exclusive patented three position test feature that simulates a 0.85% and 3.5% actual smoke condition in full compliance with NFPA72 and UL Standards.

Options include self-restoring 135°F integral or isolated heat thermals and Form A/Form C dry contacts for remote annunciation. Tandem interconnection of up to 12 units is available on several models; tandem interconnection of up to 6 units is available on "R" models, which activate the dry contacts from the tandem wire or a local alarm.

STANDARD FEATURES

- Available in 220VAC with 9VDC battery back-up
- Horn frequency 3100 Hz (nominal)
- Nominal 2.5% sensitivity
- Patented three position test switch
- Relays operate on battery back-up
- Quick-disconnect wiring harness
- 90dBA temporal 3 evacuation piezo horn
- 5-to-1 signal-to-noise ratio
- Pulsing LED sensing chamber
- Fully insect screened
- Interconnect with all tandem capable smoke alarms
- Red LED pulses every 30 seconds, green LED for AC power on
- Mounting hardware adapts to standard junction boxes
- Dust cover to prevent contamination during installation
- Low or missing battery indicator

Product Listings

- UL217
- UL1730

Product Compliance

- NFPA72

**Product listing with UL under process*

Note: Specifications are subject to change without notice

SHIELD

Battery Operated Smoke Detector

SHIELD
Trusted Worldwide

Technical Data

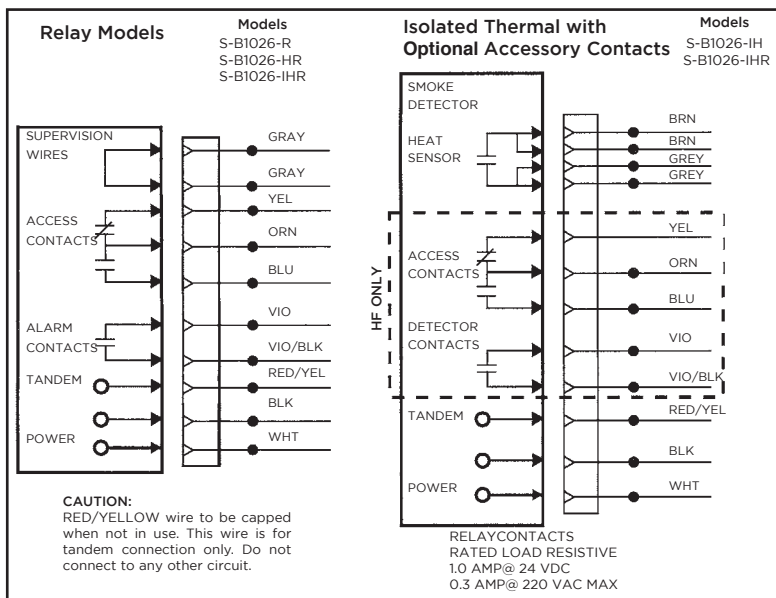
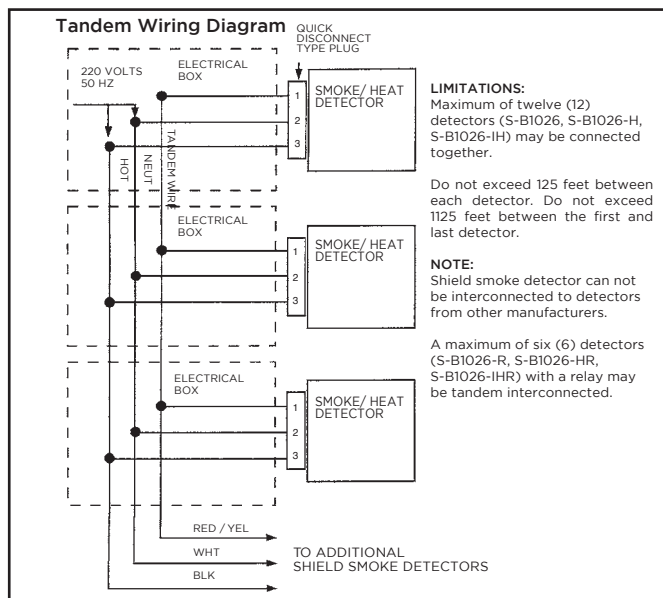
Operating Voltage	220VAC, 50Hz
Operating Current	.035 amps
Operating Ambient Temp Range	0°F to 110°F (-18°C to 43°C)
Alarm Horn Rating	90dBA at 10 feet
Dimension	Diameter at base: 5.75 in. (14.605 cm) Overall diameter: 6.5 in. (16.51 cm) Depth: 2.625 in. (6.6675 cm)
Secondary Power Source	Alkaline 9VDC battery Duracell® MN 1604

NOTES:

- Series available in round configuration only.
- It is recommended that smoke detector be tested weekly.
- Units produce a temporal 3 audible detector. Per NFPA72, the American National Standard defined in ANSI S3.41, is required whenever the intended response is to evacuate the building.

Ordering Information

Model Number	Voltage	Integral 135°F Thermal	Isolated 135°F Thermal	Tandem Up To 12 Units	Tandem Up To 6 Units	Form A/C Contacts
S-B1026	220VAC			●		
S-B1026-H	220VAC	●		●		
S-B1026-IH	220VAC		●	●		
S-B1026-R	220VAC				●	●
S-B1026-HR	220VAC	●			●	●
S-B1026-IHR	220VAC		●		●	●



Note: Specifications are subject to change without notice