Honeywell

6820

Addressable Fire Alarm Control Panel

The 6820 is an addressable fire alarm control panel (FACP) that can be configured to achieve an overall point capacity of up to 1,122 points and connect up to 31 panels in a single communications link.

It has one built-in signaling line circuit (SLC), which can support 159 (SA) System Sensor® sensors and 159 (M) modules or 127 (DO) Notifier® devices per loop. To increase point capabilities, additional SLC loops can be added using the 6820 SLC expander for SA devices or the 5815XL expander for DO devices, increasing the point capacity to a maximum of 1,122 points for SA devices and 815 points for DO devices. Three additional SLCs are needed to reach 1,122 points (SA devices). Four additional SLCs are needed to reach 815 points (DO devices).

A common communications and annunciation line allows up to 127 panels to be connected via copper or fiber optic cable. A designated panel is configured as the communicator for all panels in the link for convenient single point communications. It also has a built-in dual-line POTS or IP communicator and optional cellular side-cars.

The 6820 system can be enhanced by adding modules such as the 6860 remote annunciator which also has four programmable function buttons to help automate tasks and reduce time spent at the panel.

SWIFT™ wireless compatibility provides options for wireless detection through a Class A mesh network. It also is ideal for hard-to-wire locations, buildings where wiring is difficult, and temporary installations. To install the system for new construction projects, SWIFT devices can be combined with other hard-wired 6820 compatible devices.

The 6820 also has Form C trouble relay, and two programmable Form C relays, along with powerful features such as drift compensation, pre-trouble maintenance alert, built-in sensor test to comply with NFPA 72 calibration testing requirements, and calibration trouble alert.

It supports a variety of devices, including the 6860. 5860, and 6855 remote annunciators, 5824 serial parallel printer interface module (for porting system reports), the 5496 NAC expander, 5495SL power module, and SA or DO devices.

6820 Product Information

SIGNAL LINE CIRCUIT (SLC)
The 6820 signal line circuit (SLC) supports a maximum of 159 addresses per SLC protocol, while the 5815XL signal line circuit (SLC) supports multiple device types of DO protocol. You can mix SD and SH SLC devices in a single FACP.

The 6820 has one built-in signaling line circuit (SLC) which supports multiple devices. Additional points can be added using the 6815 SLC expander to increase overall capacity to 1,122 maximum points (SA devices) or by adding up to four 5815XL SLC expanders to reach 815 maximum points (DO devices). The number of SLCs which can be used within one system is limited to four points (see the Manual for additional information.)

The 6820 SLC loops support multiple device types, maintenance alerts, and a built-in sensor test to comply with NFPA 72 calibration testing requirements.

INDICATE DISPLAYS
- **General Alarm (Red)**: Flashes if in alarm; solid when activated
- **Supervisory (Yellow)**: Flashes if a supervisory condition is active; solid when supervisory is silenced
- **System Troubles (Yellow)**: Flashes if a trouble condition is active; solid when trouble is silenced
- **System Silenced (Yellow)**: Flashes for an active alarm, trouble or supervisory condition when sounders have been silenced
- **System Power (Green)**: Flashes for AC failure; solid when power systems are normal.

USER INTERFACE
The 6820 built-in is a 20 annunciator with 80 character LCD display and large easy-to-use textual touchpad can be used for system operation, programming and maintenance. It has five LEDs for alarm, supervisory, system trouble, system silenced and system power.

System operations include silencing alarms and troubles, resetting alarms and the display of alarm troubles and memory. The system's non-volatile memory can store up to 1,000 events for viewing from the built-in or remote annunciator. System operations can be initiated with a mechanical firefighter's key or a password up to 7-digit operator's code.

PROGRAMMING
The 6820 Fire Alarm Control Panel (FACP) offers several options to simply and speed up programming. JumpStart™ AutoProgramming minimizes programming required to start a new system. The built-in keypad, or optional 6860 remote annunciator, provides a step-by-step wizard to convenient system programming. You can also program the system using the Honeywell Fire Software Suite (HFSS), which is Windows® based.

SOFTWARE TOOLS
SKS® (Silent Knight Selection Tool) provides the installer or design architect with a Windows® software system for system configuration, and a detailed Bill of Material (BOM) and battery calculations.

HFSS (Honeywell Fire Software Suite) provides communication and panel programming, detector status, event history and additional data. Requires a Windows-based computer.

ADDITIONAL INFORMATION
Twisted-unshielded pair wire is recommended. The 6820 also has 13 preset notification cadence patterns (including ANSI 3-4).

AGENCY LISTINGS AND APPROVALS
NFPA 11, NFPA 13, NFPA 16, NFPA 70, NFPA 72; Central station, remote Signaling Local Protective Signaling Systems Auxiliary Protected Premises Unit; Water Deluge releasing service. Suitable for automatic, manual, water, sprinkler supervisory (DAT and non-coded) signaling services.
- UL Listed
- CSFM Listed
- FM approved
- Switch: (CA) (pending)

ORDERING INFORMATION
6820 Addressable Fire Alarm Control Panel, (Red cabinet).

COMPATIBLE ANNUNCIATORS
6860 Add LCD remote annunciator. Red case or blue case.
6860i Add LCD remote annunciator with intelligent switch.
5860 Add LCD remote fire annunciator.
5865-3 or 5865-4: LED annunciators can display up to 255 LEDs (16 red and 15 yellow). The 5865-3 has two switches for alarm silence and acknowledge.
5880: The 5880 LED / CD module has 10 programmable LED outputs and eight supervised dry contact inputs which are useful for custom applications. You can use up to eight 5880 modules on one control panel for maximum flexibility. Its compact size allows mounting inside the annunciator, or in an accessory cabinet.

6820 Technical Specifications

PHYSICAL
Ambient Temperature: 16.36° W x 26.37° H x 3.92° D
Shipping Weight: 32 lbs.
Color: Red

ENVIRONMENTAL
Operating Temperature: 32°F to 120°F (0°C to +49°C)
Humidity: 0 to 93% relative humidity (non-condensing)

ELECTRICAL
Power Supply: 120 VAC, 2.0A; 60Hz, 3.3A Total Auxiliary Load 84 x 27 VDC power limited
Standby Current: 330mA
Alarm Current: 1.0A
Battery Charging Capacity: 7 to 35Ah
Battery Size: 28AH max. allowed in control panel cabinet. Larger capacity batteries can be housed in NEB accessory cabinet.

FLEXPUT CIRCUITS
Six programmable circuits which can be programmed individually as:
Notification Appliance Circuits: 3A 27 VDC
Auxiliary Power Supply: Resettable or non-resettable
Auxiliary power circuits: 3A 27 VDC per circuit, 6A total
Initiating Circuits (Circuits 5 and 6 Only): 220mA at 27 VDC per circuit, power limited

Supports Class B (Style A) and Class A (Style Z) configurations for SLC, and Flexput circuits.

WIRING: Size the products main wire for wiring details.

For a complete listing of all Honeywell Fire products and specifications, please visit our website at www.honeywell.com/security/fire.

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For more information about Honeywell Silent Knight and other products by visiting www.honeywell.com

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Barcode 54-610961-1
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SK-PS6 / SK-PS10

6 Amp and 10 Amp, 24 Volt Power Supplies

The PS Series are independently configurable power supplies, allowing you to pair any input with any output, and feature LED diagnostics for troubleshooting.

The PS Series is a remote power supply line from Silent Knight and is a direct replacement for the SA6 Series. The SK-PS6 (6 Amp) and the SK-PS10 (a 10 Amp, remote power supply with battery charger that may be connected to any 12 or 24 volt fire alarm control panel. The PS Series provides auxiliary power, control of resettable, latched, or non-latching fire alarm devices, and supports Class A or Class B operation. The PS Series also provides auxiliary power, control of resettable, latched, or non-latching fire alarm devices, and supports other fire alarm system peripherals. The PS Series cabinet can hold two 7 Ah or 28 Ah batteries and can charge up to 35 Ah batteries in a separate cabinet.

FEATURES AND BENEFITS

- Up to five fully-supervised and 12 (amp model) independently-configurable power-limited outputs for:
  - Class B and/or Class A fire alarm notification appliances or non-latching 24 auxiliary power
  - Door holder power
- Converts four Class B to Class A wiring without losing any outputs using the ZNAC-PS converter (sold separately)
- Optimal for powering four wire smoke detectors, conventional fire alarm peripherals requiring regulated power
- Optional addressable control, monitor, and relay module and power supervision relay (ECLR-1)
- Configurable for ANSI® Temporal 3 or Temporal 4 coded output
- Fire alarm annunciation using System Sensor®, Wheelock®, Gentex® or ANSI/ECO® appliances
- Synchronization can be triggered from FACP NAC remote sync outputs, cascaded power supply or a control module, single or multi, which may be housed within the power supply cabinet
- Ability to cascade up to four power supplies off of one control module or FACP output
- Fully-resettable input/control circuits which can be programmed to any output
- Two Form C normally closed/normally open trouble relays for AC Trouble and General Trouble
- For 35 amp full load output, equipped with 3-6 maximum circuit
- Two Form C relays and four trouble LEDs for diagnostic efficiency
- Trouble history mode for diagnostic support
- Wide range and all one supervision value (normal: 2.27K ohms)
- Selectable earth fault detection (enable or disable)
- Trouble relay reset delay timer
- Completely configurable via onboard DIP switches, no extra software required
- Self contained in compact, locking cabinet constructed of heavy gauge steel with a corrosion-resistant powder coat chip and scratch-resistant finish
- Cabinet designed with two double knockouts and a removable door for ease of installation and wiring
- Includes integral battery charger capable of charging up to 33 AH batteries
- Cabinet can house two 7 AH or 28 AH batteries
- Battery charger may be disabled via DIP switch for applications requiring larger batteries or remote battery charging
- Removable terminal blocks accommodate up to 12 AWG (2.5mm²) wire
- Works with any UL 864 FACP which utilizes an industry-standard reverse-polarity notification circuit

Honeywell

SK-PS6 / SK-PS10 TECHNICAL SPECIFICATIONS

PRIMARY (AC) POWER
SK-PS6: 120 VAC, 50/60 Hz, 5.0A maximum
SK-PS10: 120VAC, 50/60 Hz, 6.2 A maximum
Wire Size: #12-14 AWG with 600 V insulation

COMMAND INPUT CIRCUIT
Trigger Input Voltage: 9 to 30 VDC
Trigger Current: 2.0 mA (.16 - .32 V) Pin Input: 5.0 mA (8 - 24 V)

RELAY CIRCUITS
Trouble Contact Rating: 4 A at 24 VDC

OUTPUT CIRCUITS
- 24 VDC filtered
- SK-PS6: TBB-TBB – 1A Regulated, 3A special applications; TB3-TB12 – 0.5A Regulated; 3A special applications
- SK-PS10: TBB-TBB – 1A Regulated, 3A special applications; TB3-TB12 – 0.5A Regulated; 3A special applications
- 6.5A (SK-PS6) or 20.0A (SK-PS10) maximum total continuous current for all outputs

SECONDARY POWER (BATTERY) CHARGING CIRCUIT
- Supports lead-acid batteries only
- Float charge voltage: 27.6 VDC
- Maximum current: 2.5 A
- Vacuum battery capacity: 18 AH Inside cabinet
- Maximum battery charging capacity: 33 AH (external cabinet)

PHYSICAL
Dimensions: 20.0"H x 14.5"W x 3.5"D cm: 50.8H x 36.83W x 8.89D
Weight with two 7 Ah batteries is 26 pounds (10.8 kg), with two 28 AH batteries is 39 pounds (17.7 kg)

STANDARDS AND CODES
The SK-PS complies with the following standards:
NFPA 72: National Fire Alarm Code
UL 864: Standard for Control Units for Fire Alarm Systems (NAC expander mode)
UL 1481: Power Supplies for Fire Alarm Systems

AGENCY LISTINGS AND APPROVALS
These listings and approvals apply to the modules specified in this document, in some cases, certain modules or applications may not be listed by certain approval agencies, or listing may be in process. Consult factory for latest listing status.
UL Listed: S3511
CSFM: 7315-0599:0522
FDNY Approved
FM Approved

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Country of origin USA

Honeywell

SMITH FIRE SYSTEMS INC.
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Notification Appliances

SIEMENS

SLC Series – Horns | Strobes | Horn-Strobes

Applications : Indoor, Wall-Only

Architect & Engineer Specifications

- Applications: Wall-mounted notification appliances that meet the industry codes and regulations for commercial building fire alarm systems.
- Compatible with the Siemens 50-point, 252-point and 504-point addressable fire alarm control panels (FACPs), and with other manufacturers' FACPs: Siemens FNS series of NAC extenders; FireFinder® XLS / XLSV FACPs; Siemens Built-in-control (DSC) modules
- Innovative LED strobe technology: Patented optical design results in a significantly reduced current draw. Capability to have existing Sienon and Genesis strobes upgraded to Sienon Fever: power supplies required, smaller wire gage, reduced wire runs
- Straightforward installation coupled with compact, modern design: Fewer mounting accessories (Minimal Strobes Hinge); Jack-screw assembly
- Field-selectable settings in one (1) device: 15cd | 30cd | 75cd | 110cd | 135cd | 185cd
- Paintability: ship in floor 10 distinctive colors: VARY WHITE | VARY YELLOW | NO LETTERING
- Two (2) audible settings in each notification appliance: Temporal Coded Horn output High or Low setting
- UL1638 (UL1971) (UL464 Listed)
- ULC-S525-10/ULC-S526-16 Listed

Architect & Engineer Specifications

Based on the SLC series, Siemens is now offering horns, strobes, and horn-strobes with LED based strobes to its notification-appliance portfolio. With the SLC series, Siemens offers a full range of products with low and high candela settings that makes these sophisticated notification appliances ideal for new installs and retrofit applications.

Innovative light-emitting diode (LED) strobe technology provides an energy efficient means for a significantly reduced current draw.

The strobe portion of these appliances meets the 20 millisecond light-pulse-duration requirements of the 2016 edition of NFPA 72. By meeting this latest requirement, existing Sienon and the new LED devices to be used in the same field-of-view.

In a single device, the SLZ series can provide alarm-signaling tones for dual applications. All strobe models in the series feature multi-Candela settings (15cd | 30cd | 75cd | 110cd | 135cd | 185cd) on a single appliance.

Additionally, there are three (3) modes of operation for the audible portion of these notification appliances:

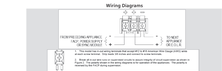
- Continuous(Code 3 field selectable)
- T3 (Code 3 Sync)
- T4 (Code 4 Temporal ANSI)

The SLZ series of horns, strobes and horn-strobes devices are produced in a sleek, modern design. Its single-gang form factor provides high-quality energy efficiency in an aesthetically pleasing, low-profile design that is consistent to the look of the interior composition of the building application.

The SLZ series of horns, strobes and horn-strobes are available in either 12V or 24VDC, whereas the Series "SLZHW" and "SLZHWF" strobes and horn-strobe devices are specifically designed for 24V operation. The SLZ series is apt for indoor, wall-mount applications.

Data Sheet 2601
usa.siemens.com/fire

Wiring Diagrams



Specifications

In terms of composition and functionality, Models "SLZHW" series, "SLZSW" series, and "SLZHSW" series of horns, strobes and horn-strobe appliances provide added value to the installer for the types of applications for operation:

- Compact (4mm) low-profile design;
- Comprehensive feature list
- Convenient mounting options
- Easy-to-adjust selection-slider switch for Candela settings
  - No tools required for setting changes
  - Multi-level settings: 15cd | 30cd | 75cd | 110cd | 135cd | 185cd
- High and Low candela outputs
- Reduced current draw, via cutting-edge LED technology

The LED portions of the Siemens "SLZ series of strobes and horn-strobes meet the 20 millisecond light-pulse-duration requirements of the 2016 edition of NFPA 72. By meeting this latest requirement, existing Sienon and the new LED-technology devices can now be in the same field-of-view.

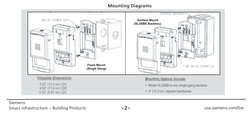
The Horns, Strobes and Horn-Strobes in this Siemens "SLZ series of notification appliances have received UL / ULC listed status by attaining compatible testing standards with all Siemens fire-alarm control panels (FACPs) and accessories that have been determined to be aligned with existing Siemens strobe-based appliances.

This would include the following existing model-types: ST | SE | SEH | ST3 | HO | OH | HS | MTH | SL and Z-series. Siemens recommends that customers who are looking to upgrade their existing strobe-based or LED-based strobes in the same notification zone and field-of-view with any existing Siemens Notification Appliance Sienon fixed strobes.

All types of the SLZ Series horns, strobes and horn-strobe appliances are UL / ULC Listed for indoor use.

Horn: UL464, ULC-S525-16 | Strobe: UL1638, UL1971, CAN/ULC-S526-16

Mounting Diagrams



Technical Data

Horn (Strobes / Output Current Draw
Current Ratings (Amps @ 24V) RMS (A)

Model	Setting	Test	30cd	75cd	110cd	135cd	185cd
Model SLZHW SLZHWF	Current (Amps)	0.07	0.08	0.077	0.18	0.18	0.28

Current Ratings (Amps @ 24V) LPF (A)

Model	Setting	Test	30cd	75cd	110cd	135cd	185cd
Model SLZHW SLZHWF	Current (Amps)	0.04	0.05	0.05	0.10	0.10	0.20

Horn-Only / Output Current Draw
Current Ratings (Amps)

Model	Regulated Voltage	RMS Current @ 24VDC High	Low
Model SLZHW SLZHWF	12VDC (9-17.5V)	0.023	0.021
	24VDC (16-33V)	0.020	0.017

Strobe-Only / Output Current Draw
Current Ratings (Amps)

Model	Regulated Voltage Range			
	16.8 – 33.6 VDC		16.8 – 33.6 VRMS	
	Reg.	Peak	Reg.	Peak
SLZ	0.022	0.038	0.038	0.120

GENERAL NOTES
1. Strobes are designed to flash at 1-flash-per-second minimum over their "Regulated Voltage Range."
2. NFPA 72 specifies a flash rate of 1 to 2 flashes per second.
3. AA Candela ratings represent minimum-effective Strobe intensity, based on UL 1971.

Horn (Output Ratings (UL)
UL Sound Output Ratings (dBA)

Model	Setting	10 ft (3.0 m) @ 24V (2 ft (0.6 m) @ 12V)	
		SLZHW SLZHWF	SLZHWF & SLZHSW
Model SLZHW SLZHWF Series	Clock 1 Hz	93 dBA	99 dBA
	Temporal	90	96
	Clock 1 Hz	Low 85	Low 89
	Temporal	75	79

Horn / Output Ratings (UL)
UL Sound Output Ratings (dBA)

Model	Setting	10 ft (3.0 m) @ 24V (2 ft (0.6 m) @ 12V)	
		SLZHW SLZHWF	SLZHWF & SLZHSW
Model SLZHW SLZHWF Series	Clock 1 Hz	High 99	High 99
	Temporal	96	96
	Clock 1 Hz	Low 89	Low 89
	Temporal	79	79

* **RMS current ratings as per UL Standards Method of measuring current. Note: Strobes are designed to flash at 1-flash-per-second minimum over their "Regulated Voltage Range." AA Candela ratings represent minimum-effective Strobe intensity based on UL 1971.**
* **For calculated RMS voltage, see installation instructions**

GENERAL NOTES
1. Strobes are designed to flash at 1-flash-per-second minimum over their "Regulated Voltage Range."
2. NFPA 72 specifies a flash rate of 1 to 2 flashes per second.
3. AA Candela ratings represent minimum-effective Strobe intensity based on UL 1971.

Technical Data

General Properties

MODEL SLZ series	
OPERATING TEMPERATURE	32-120°F (0-49°C)
RELATIVE HUMIDITY	0-93% RH, noncondensing
OPERATING VOLTAGE RANGE	12-VDC (12V) nominal: ■ 8.5 - 17.5 V 24-VDC (24V) nominal: ■ 16.8 - 33.6 V (12-VDC for Model SLZHW only)
STORE (OUTDOT SITING)	12-VDC 100 V (12-VDC) Field-installable Class 2 Black (Type) 110ut (Type) 185ut (Type) 135ut (Type) 185ut
STORE FLAMPTIMES	Strobes are designed to flash at one flash per second
STORE SYNCHRONITION	■ all Siemens Addressable Panels ■ Siemens FNS series NAC extenders ■ Siemens Built-in-control (DSC) which provide the unique Siemens synchronization protocol
TEMPORAL PATTERN	■ Compliance ■ Code 3 T3 second sec. 1-second off, then repeat (Code 3 Sync) ■ Code 4 (T4) Temporal sec. T1 1-second off and repeat. NOTES: The Code 3 pattern is specified by ANSI Standard T3 Temporal Emergency Evacuation Signaling

Physical Properties

MODEL SLZ series	
MATERIAL	■ Strobe-on-cylinder: polycarbonate ■ Horn-only: ABS plastic ■ Exceeds 94V-0 UL flammability rating
WEIGHT	0.40 Lbs. (0.18 kg)
LENS TYPE	LED strobe element is a rugged clear lens
DIMENSIONS	Wall Adapter: 4.0 W 120.7 mm [W] 4.0 H 120.7 mm [H] 0.25 D 6.35 mm [D] Strobe Only Trim Plate: 5.0 W 127.0 mm [W] 5.0 H 127.0 mm [H] 0.32 D 8.1 mm [D]

Mounting and Wiring Properties

MODEL SLZ series	
WALL MOUNTING	■ Wall mount applications ■ Model SLZ0000 is any Single-Gang Backbox or to a 4" (10.2 cm) square backbox. Trim Plate and separate colored wall ring
WIRING TYPE	■ 12 - 18, American Wire Gauge (AWG)

Details for Ordering

MODEL	PART NUMBER	APPLIANCE TYPE	MOUNTING TYPE	FINISH TYPE	FACEPLATE COLOR	FACEPLATE LETTERING
SLZ0000	SLZ0000-FED-A1	Blank	WALL	Clear	WALL	NO LETTERING
SLZHW0	SLZHW0-FED-A1	Horn	WALL	Clear	WALL	NO LETTERING
SLZHW0-A	SLZHW0-FED-A1	Horn-Strobe	WALL	Clear	WALL	AUDIO*
SLZHW0-F	SLZHW0-FED-A1	Horn-Strobe	WALL	Clear	WALL	FIRE
SLZHW0-FA	SLZHW0-FED-A1	Horn-Strobe	WALL	Clear	WALL	FIRE AUDIO*
SLZHW0-FP	SLZHW0-FED-A1	Horn-Strobe	WALL	Clear	WALL	FIRE PANIC
SLZHW0-FPA	SLZHW0-FED-A1	Horn-Strobe	WALL	Clear	WALL	FIRE PANIC AUDIO*
SLZHW0-P	SLZHW0-FED-A1	Horn-Strobe	WALL	Clear	WALL	PANIC
SLZHW0-PA	SLZHW0-FED-A1	Horn-Strobe	WALL	Clear	WALL	PANIC AUDIO*
SLZHW0-PF	SLZHW0-FED-A1	Horn-Strobe	WALL	Clear	WALL	FIRE PANIC
SLZHW0-PFA	SLZHW0-FED-A1	Horn-Strobe	WALL	Clear	WALL	FIRE PANIC AUDIO*
SLZHW0-A	SLZHW0-FED-A1	Horn-Strobe	WALL	Clear	WALL	AUDIO*
SLZHW0-F	SLZHW0-FED-A1	Horn-Strobe	WALL	Clear	WALL	FIRE
SLZHW0-FA	SLZHW0-FED-A1	Horn-Strobe	WALL	Clear	WALL	FIRE AUDIO*
SLZHW0-FP	SLZHW0-FED-A1	Horn-Strobe	WALL	Clear	WALL	FIRE PANIC
SLZHW0-FPA	SLZHW0-FED-A1	Horn-Strobe	WALL	Clear	WALL	FIRE PANIC AUDIO*
SLZHW0-P	SLZHW0-FED-A1	Horn-Strobe	WALL	Clear	WALL	PANIC
SLZHW0-PA	SLZHW0-FED-A1	Horn-Strobe	WALL	Clear	WALL	PANIC AUDIO*
SLZHW0-PF	SLZHW0-FED-A1	Horn-Strobe	WALL	Clear	WALL	FIRE PANIC
SLZHW0-PFA	SLZHW0-FED-A1	Horn-Strobe	WALL	Clear	WALL	FIRE PANIC AUDIO*
SLZSW0-A	SLZSW0-FED-A1	Strobe	WALL	Clear	WALL	AUDIO*
SLZSW0-F	SLZSW0-FED-A1	Strobe	WALL	Clear	WALL	FIRE
SLZSW0-FA	SLZSW0-FED-A1	Strobe	WALL	Clear	WALL	FIRE AUDIO*
SLZSW0-P	SLZSW0-FED-A1	Strobe	WALL	Clear	WALL	PANIC
SLZSW0-PA	SLZSW0-FED-A1	Strobe	WALL	Clear	WALL	PANIC AUDIO*
SLZSW0-PF	SLZSW0-FED-A1	Strobe	WALL	Clear	WALL	FIRE PANIC
SLZSW0-PFA	SLZSW0-FED-A1	Strobe	WALL	Clear	WALL	FIRE PANIC AUDIO*
SLZSW0-A	SLZSW0-FED-A1	Strobe	WALL	Clear	WALL	AUDIO*
SLZSW0-F	SLZSW0-FED-A1	Strobe	WALL	Clear	WALL	FIRE
SLZSW0-FA	SLZSW0-FED-A1	Strobe	WALL	Clear	WALL	FIRE AUDIO*
SLZSW0-P	SLZSW0-FED-A1	Strobe	WALL	Clear	WALL	PANIC
SLZSW0-PA	SLZSW0-FED-A1	Strobe	WALL	Clear	WALL	PANIC AUDIO*
SLZSW0-PF	SLZSW0-FED-A1	Strobe	WALL	Clear	WALL	FIRE PANIC
SLZSW0-PFA	SLZSW0-FED-A1	Strobe	WALL	Clear	WALL	FIRE PANIC AUDIO*
SLZ0000-B	SLZ0000-FED-A1	Backbox	WALL	Clear	WALL	NO LETTERING
SLZHW0-B	SLZHW0-FED-A1	Backbox	WALL	Clear	WALL	NO LETTERING
SLZSW0-B	SLZSW0-FED-A1	Backbox	WALL	Clear	WALL	NO LETTERING

Notice: The information contained in this data sheet document is intended only as a summary, and is subject to change without notice. The product(s) described here have a specific intention (mission) that cover various technical, limitation and liability information.

Copies of install-type, instruction sheets – as well as the General Terms and Conditions of Delivery, Safety Data Sheets, and other important data, are provided with the product. We are available from the Manufacturer.

Data contained in the aforesaid type of documentation should be consulted with a file-safety professional before specifying or using the product.

Any further questions or assistance concerning particular problems that might arise, relative to the safe handling of the equipment, please contact the file-safety officer.

SIEMENS

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Smart Infrastructure / Building Products
2 Gateway Drive, Suite 100
Tel. (973) 333-2600

Art Series

Notes:
1. Models AS-75-WF and AS-75-S WF do not provide a 75cd setting.
2. The United Candela ratings are as follows:
   - 115cd, per MULTISB, outdoor
   - 30cd, per MULTIST1, indoor
     - The indoor usage is also rated 180cd when measured directly on axis

Notes:
1. Strobe will produce 1 flash per second over the Input Voltage range.
2. This strobe/horn model meets the required light distribution patterns defined in ANSI, 1971.
3. This model is AHJ, Listed for indoor use with a temperature range of 32°F to +120°F (0°C to +49°C) and maximum humidity of 93% ± 2% RH.

The effect of shipping and storage temperatures will not adversely affect the performance of the product when installed in the original cartons, and is not subjected to either misuse or improper handling of shipment.

SIEMENS Industry, Inc.
Building Technologies Division

Technical Data

AS Series: Wall-only Mount

Volt. Current Ratings (24dPV)	Average Current
Volume Levels	Low / Medium / High
DC: 16.0 – 33.0VDC	0.040 / 0.040 / 0.040
PWM: 16.0 – 33.0VRMS	0.041 / 0.051 / 0.060

AH Series

Description	Volume	Rectifier Pw-10.4V @ 16.5V, 25°C 0.0VDC	0.5VDC	1.0VDC	2.0VDC	Anschlus Pw-10.4 VDC, 0.0VDC	0.5VDC	1.0VDC	2.0VDC
Continuous Horn	Low	81	83	88	89	90	92		
	Medium	85	88	91	93	95	96	97	
	High	88	91	93	92	97	98		
Code 3 Horn (or March Time)	Low	85	87	90	92	93	95		
	Medium	91	93	94	96	95	97		
	High	93	94	96	97	97	98		

* Available in spec mode only

Note: Models with an RUL Listed are "Special Application". They are intended to be used only with Siemens notification appliances.

AS Weatherproof Series

Model*	Operating Voltage (Special Application) Per 1638, 1638, 1638,1971 and 1638,464 (DSC/NFPM8)	Voltage Range Per CAN/ULC-S525-98 / S526-02 (DSC/NFPM8)	RUL - 1971 per 1638,1638	RUL 1971	RUL Rated Strobe Candela (cd)	RUL C Rated Light Output (cd)
AS-75-I-WF	16.0 – 33.0	20.0 – 33.0	115	30 / 180 *		30
AS-75-S-WF	16.0 – 33.0	-	115	115 / 180 *		-
AS-MAC-WF*	16.0 – 33.0	-	30 / 75	115 / 115 *		-
AS-MAC-WP*	16.0 – 33.0	-	45 / 90	135 / 180		-

* Available in I or W series

AS-MC and AS-DMC Series

115 Listed Ratings		
Model*	Operating Voltage Range Per 1638, 1971 Per Fig. 1971 (DSC / NFNM8)	Strobe Candela (cd)
AS-MAC-	16.0 - 33.0	110 / 185
AS-MC-	16.0 - 33.0	15/30/75/110
AS-MC-C	16.0 - 33.0	15/30/75/95

Description	Volume	Rectifier Pw-10.4V @ 16.5 VDC	0.5 VDC	1.0 VDC	2.0 VDC
Continuous Horn	Low	80	83	88	
	Medium	85	88	91	
	High	88	91	93	
Code 3 Horn (or March Time)	Low	75	78	82	
	Medium	85	84	90	
	High	94	87	90	

* Available only in spec mode

Notes:
1. Strobe will produce 1 flash per second over the Input Voltage range.
2. This strobe/horn model meets the required light distribution patterns defined in AHJ, 1971.
3. This model is AHJ, Listed for indoor use with a temperature range of 32°F to +120°F (0°C to +49°C) and maximum humidity of 93% ± 2% RH.

The effect of shipping and storage temperatures will not adversely affect the performance of the product when installed in the original cartons, and is not subjected to either misuse or improper handling of shipment.

SIEMENS Industry, Inc.
Building Technologies Division

Technical Data

AS Series: Wall-only Mount

Volt. Current Ratings (24dPV)	Average Current
Volume Levels	Low / Medium / High
DC: 16.0 – 33.0VDC	0.040 / 0.040 / 0.040
PWM: 16.0 – 33.0VRMS	0.041 / 0.051 / 0.060

AH Series

Description	Volume	Rectifier Pw-10.4V @ 16.5V, 25°C 0.0VDC	0.5VDC	1.0VDC	2.0VDC	Anschlus Pw-10.4 VDC, 0.0VDC	0.5VDC	1.0VDC	2.0VDC
Continuous Horn	Low	81	83	88	89	90	92		
	Medium	85	88	91	93	95	96	97	
	High	88	91	93	92	97	98		
Code 3 Horn (or March Time)	Low	85	87	90	92	93	95		
	Medium	91	93	94	96	95	97		
	High	93	94	96	97	97	98		

* Available in spec mode only

Note: These notification appliances are RUL Listed as "Special Application". They are intended to be used only with Siemens notification appliances.

AS Weatherproof Series

Model*	Operating Voltage (Special Application) Per 1638, 1638, 1638,1971 and 1638,464 (DSC/NFPM8)	Voltage Range Per CAN/ULC-S525-98 / S526-02 (DSC/NFPM8)	RUL - 1971 per 1638,1638	RUL 1971	RUL Rated Strobe Candela (cd)	RUL C Rated Light Output (cd)
AS-75-I-WF	16.0 – 33.0	20.0 – 33.0	115	30 / 180 *		30
AS-75-S-WF	16.0 – 33.0	-	115	115 / 180 *		-
AS-MAC-WF*	16.0 – 33.0	-	30 / 75	115 / 115 *		-
AS-MAC-WP*	16.0 – 33.0	-	45 / 90	135 / 180		-

* Available in I or W