

# PHILIPS CHLORIDE

## Exit Signs

### SH1206 Series Maximum Security Exit Sign



Project: \_\_\_\_\_  
 Location: \_\_\_\_\_  
 Cat.No: \_\_\_\_\_  
 Type: \_\_\_\_\_  
 Lamps: \_\_\_\_\_ Qty: \_\_\_\_\_  
 Notes: \_\_\_\_\_

#### Ordering guide

Green Choice: **SH1206 NIRWICT**

Family	Stencil Faces	Letter Color	Finish	Operation	Options
<input type="text"/> <b>SH1206A</b> - AC only <b>SH1206N</b> - Nickel Cadmium Battery	<input type="text"/> <b>1</b> - Single Face <b>2</b> - Double Face	<input type="text"/> <b>R</b> - Red LEDs <b>G</b> - Green LEDs	<input type="text"/> <b>W</b> - White <b>B</b> - Black	<input type="text"/> <b>Blank</b> - AC Only <b>ICT</b> - Self-Diagnostics/ Self Test (SH1206N models only)	<input type="text"/> <b>A</b> - Audible Diagnostics <b>BF</b> - Buzzer/Flasher (SH1206N models only) <b>BZ</b> - DC Buzzer (SH1206N models only) <b>FL</b> - Flasher (SH1206N models only) <b>FA</b> - Fire Alarm Activated Flasher <b>DC</b> - 12-48VDC external backup (SH1206A models only)
<b>Accessories:</b> <b>ICIR</b> - Remote Tester					

#### codes and standards

- UL listed to standard 924
- Wet Location standard
- IBC, BOCA, and OSHA illumination standard
- NFPA 70 (National Electric Code)
- NFPA 101 (Life Safety Code)
- NEMA Premium certified
- ARRA Compliant (Buy American Act)
- Certified to the California Energy Commission in accordance with California law

#### installation

- Back plate contains 4 knockouts (5/16" dia.) for mounting  
Single face sign to the wall.
- End and top mount housings contain 2 knockouts for mounting to the ceiling or end mounting to the wall.
- A single 7/8" knockout is located on the end, top and back plate (on single face) for access to leads.
- All knockouts are punched out in the field.
- All knockouts are punched out in the field. No canopy is provided with housing so housing can be mounted flush to the wall or ceiling.

#### electrical

- 120/277 VAC dual voltage input with surge protection is standard on all models.
- Self-powered models feature the Intelli-Charge circuit where the charging system is microprocessor driven with software embedded diagnostic routine and temperature compensation.
- Self-powered models include brownout detection, AC lockout, low voltage disconnect, AC power indicator, charge status indicator, audible user-interface controls, visual LED system fault indicator.
- Additional equipment safety features include reverse battery polarity detection and protection, and reverse utility power detection and protection.
- All self-powered models include an on-board IR receiver for use with the optional hand-held remote (ICIR).

#### self-testing electronics

- The diagnostic/charging platform with optional self-testing mode automatically runs a one minute self-test every 30 days and a 30 minute test on the sixth and twelfth month in accordance with NFPA 101. A one minute manual test may be initiated by activating the appropriate test command on the optional ICIR Remote Tester.

#### operating temperature range

- AC-only models: -40°F (-40°C) to 104°F (40°C).
- Self-powered models – wet location: 32°F (0°C) to 104°F (40°C).

#### power consumption

- AC only red: 0.032 A (120 VAC), 0.015 A (277 VAC), PF = 0.94.
- AC only green: 0.035 A (120 VAC), 0.016 A (277 VAC), PF = 0.92.
- Self-powered red: 0.039 A (120 VAC), 0.018 A (277 VAC), PF = 0.94.
- Self-powered green: 0.040 A (120 VAC), 0.018 A (277 VAC), PF = 0.94.

#### lamps

- Illumination of the panel face is accomplished with long-lasting, high-output Light Emitting Diodes

#### battery

- Maintenance free sealed nickel cadmium battery.
- Provides a minimum of 90 minutes of emergency power.

#### warranty

- Five full year warranty on electronics, battery and unit.



# CE-11950

# SH1206 Series Maximum Security Exit Sign

## Optional Features

- BF** – This option enables the exit sign to buzz and flash together when the sign is operating under battery power. The buzzer and flashing rate is an approximate 50% duty cycle.
- BZ** – This option enables the exit sign to buzz when the sign is operating under battery power. The buzzer rate is an approximate 50% duty cycle.
- DC** – The DC option is reserved for AC only configured models and accommodates wiring to a remote emergency battery unit. The DC input is not polarity sensitive and accepts 12 to 48 VDC from a remote source.

- FA** – This option provides a two-wire harness for the electrical connection to the fire control panel. Should the fire panel activate an alarm, the exit sign will flash at a rate of approximately 50% duty cycle.
- FL** – This option causes the exit sign to flash when the sign is operating under battery power. The flashing rate is approximately a 50% duty cycle.

- A** – The audible self-testing option enables a periodic self-test of the equipment where a test routine is established to perform a one minute test once a month with a 30 minute test performed on the sixth and twelfth month in accordance with NFPA 101. Equipment readiness faults are indicated with a visual LED display and an audible alarm.
- SW** – Special Wording and Symbols

## Dimensions

