



Class I, Division 2 Compliant Exit Sign *Hazardous Location Combination Exit Emergency Battery Unit* **SVXH Series**

The **SVXH Series** of Combination Exit Emergency Battery Unit has been designed specifically for installation in hazardous locations and other high abuse, industrial environments. Weather resistant, high impacts, vibrations and variations in temperature. The **SVXH Series** is ideally suited for areas with the risk of presence of flammable gases, vapors or liquids able to create an explosive gas atmosphere.

Sealed Maintenance-Free Batteries

- Nickel-Cadmium
- Nickel-Metal-Hydrid

Applications

- Manufacturing Plants, • Chemical Plants, Food Processing Areas,
- Paint Shops, • Moisture, Dirt or Dust Concerns, • Oil Refineries
- Wet or Corrosive Conditions, • Gas Stations

Standard Features

- Evaluated to UL 924 standard and to UL 844 Standard for hazardous locations: Class I Division 2, Groups A, B, C and D
- Temperature Codes evaluated for several types of emergency lamps
- Polyvinyl chloride frame, with built-in gasket to prevent water infiltration
- Heavy-duty 1/8-inch thick aluminum back plate with key-holes for secure wall-mount installation
- Designed for wall-mount installation only
- Sealed faceplate of heavy-duty, vandal-resistant polycarbonate
- Exit sign module illuminated by long-life, energy-efficient LEDs
- Two MR16 halogen lamps, shielded by a cast aluminum housing and a polycarbonate cover
- Sealed, maintenance-free Nickel-Cadmium or Nickel-Metal Hydride batteries
- Comes standard with self-test / self-diagnostic functions
- 1/2 inch electrical conduit entry on both sides and at the top

Reliability

The **Survive-All SVXH Combo Series** has a 5-year full warranty (excluding lamps and fuses).

Unit Data

The rugged PVC body will not dent, peel or corrode. The sealed faceplate is constructed with a heavy duty, vandal-resistant polycarbonate cover and fastened with stainless steel tamper-resistant screws. The test switch is magnetically operated. Models can only be wall mounted. The innovative, fully field adjustable lamp head assembly comes standard with a selection of MR16 lamp for optimum illumination over the path of egress.

Charger

Fully automatic pulse charger offers 120/277 Vac, 60 Hz., current limiting temperature compensation, short circuit proof, low voltage battery disconnect, brownout protection and standard solid state transfer feature.

Diagnostic / Self Test Feature (Standard)

Diagnostic / Self Test circuitry is standard on all self-powered models. This circuitry is programmed to ensure the exits readiness and reliability by continuously monitoring every critical function of the unit. If a problem occurs, a single "Service Required" indicator illuminates immediately. A detailed diagnostic display is located on the inside of the exit sign, out of sight from the general public. The detailed diagnostic display inside the exit sign will further indicate the nature of the fault. The self test will test the unit for a minimum 30 seconds every 30 days, 30 minutes every 60 days and 90 minutes annually.

How To Order (example)

GA	SVXH	R	D	2	MJ
Housing/Face Color	Series/Capacity	Legend Color	Diagnostic	# of Heads	Lamp/Wattage
GA = grey/aluminum	SVXH = 6v20w,NICD SVXH12N = 12v24w,NICD SVXH12H = 12v40w,NIMH	R = Red G = green	D = advanced diagnostics Non-audible DA = advanced diagnostics - Audible NEX = nexus system interface	0/ = 0 head* 2 = Two heads	MK = 12V - 12W MR16 MJ = 6V - 10W MR16 MW = 12V - 20W MR16 high output

*A remote head must be attached

*No other lamp option available.

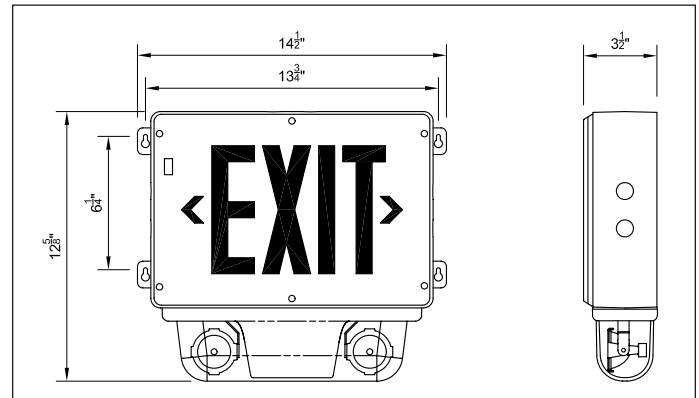


Optional Features

Description	Suffix
Nexus Interface	NEX
AD Non-Audible	D
AD Audible	DA
Accessories (order as a separate item)	
Additional special bit of tamper-proof screws	TPB

Outline and Dimensions

Dimensions are approximate and subject to change



Temperature Codes

Lamp Rating	Temperature Code	Max Temperature	Replacement part #
6V 10W	T3C	160°C	580.0079
12V 12W	T3A	180°C	580.0080
12V 20W	T2D	215°C	580.0068

Power Consumption

Model #	AC Input	Maximum		Stand-by		Unit Rating*			
		Current	Power	Current	Power	1.5	2hrs	3hrs	4hrs
SVXH	120 / 277 Vac	0.15 / 0.07 A	16 W	0.09/ 0.03 A	8 W	20	15	-	-
SVXH12N	120 / 277 Vac	0.30 / 0.08 A	29 W	0.13 / 0.05 A	10 W	24	18	12	-
SVXH12H	120 / 277 Vac	0.30 / 0.08 A	29 W	0.13 / 0.05 A	10 W	40	30	20	12

*Watts to 87 1/2% of rated battery voltage