

TYPE: _____
 CATALOG #: _____
 NOTES: _____



Survive-All™ SVX Series

NEMA-4X, Vandal Resistant and Harsh Environment Combination Unit



INDUSTRIAL

Features

- Each unit comes with two (2) MR16 high intensity lamps (standard). Fully field-adjustable lamp head assembly offers the option of selecting either a halogen lamp or a high efficiency white LED light source for optimum illumination over the path of egress. Exit light source LED
- 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
- Available with sealed, maintenance-free Nickel-Cadmium batteries
- This circuitry is programmed to ensure the exit combination unit's 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 that will further indicate the nature of the fault is located on the inside of the exit sign, out of sight from the general public. The self test will check the unit for a minimum of 30 seconds every 30 days, 30 minutes every 60 days and 90 minutes annually. PulsePlus Charger circuitry offers 120/277 volt input 60 Hz, 0.3/0.15 Amps (other inputs available), fused output circuit(s), dual diagnostic indicator lights, temperature compensated charger, sealed relay, low voltage battery disconnect, brownout protection and lockout (automatic battery connect). Magnetically operated test switch
- Standard unit rated for 50°F to 104°F (10°C to 40°C)
- Can be wall, end or ceiling mounted
- UL924 Listed
- NSF Certified for use in food processing plants
- 5-year limited warranty
Detailed warranty terms located at: www.emergi-lite.com/usa/files/EL_Warranty.pdf

Accessories (order as a separate item)

DESCRIPTION	PART NUMBER
Additional special bit for tamper-proof screws	690.0454-E
Additional test magnet	199.0133-E

Applications

- | | |
|--|---|
| <ul style="list-style-type: none"> • Hosedown areas / car washes • Food processing / preparation facilities • Marine locations • Chemical plants • Schools and other public facilities • Parking garages | <ul style="list-style-type: none"> • Transit platforms • Sports arenas / swimming pools • Security areas / prisons • Warehouse and cold storage facilities • Heavy industrial facilities |
|--|---|

Note: Units installed outdoors must be in a shaded area (Lead-Calcium batteries)

Suggested Specification

Supply and install **Emergi-Lite® Survive-All™ SVX Combo Series** unit with electrically compatible fixtures or exit signs as indicated on the plans. The combination unit shall be able to provide exit signage and the emergency lighting with its entire electronics and power source in a slim one-piece compact sealed NEMA 4X-rated housing. The emergency lighting MR16 heads shall be located at the bottom of the unit and covered by a sealed clear lens made of UV-stabilized polycarbonate. These emergency lighting heads shall be equipped with an innovative swivel system allowing for up to a 180° rotation in order to provide for an illumination in any direction of the path of egress. The unit shall be NEMA 4X-rated and designed specifically for high abuse areas, wet and damp locations, as well as for cold weather applications (CW4 option).

The exit signage faceplate(s) shall be constructed of heavy-duty vandal-resistant polycarbonate and features an even illuminated legend. The legend light source shall be composed of high efficiency light emitting diodes (LED). The Emergi-Lite® Advanced Diagnostic Micro-controller board shall supply the rated load for a minimum of 90 minutes to 87-1/2% of the rated battery voltage. The unit shall be rated 120/277 Vac, 60Hz and be UL listed. The unit shall have a remote output of ____ V ____ W. The charger shall at first continuously recharge the battery then, when the battery is at full capacity, the charger will periodically pulse charge the battery in stand-by mode. This pulse-type charger promotes long battery life and reduces the potential for grid corrosions. Its charge voltage is factory set to +/-1% tolerance and is temperature compensated. The charger incorporates Lockout and Brownout Circuits, and Low Voltage Disconnect. It protects the unit from over-current, shortcircuit, and reverse polarity. This unit shall self-test for 1 minute every 30 days, 30 minutes on the 6th month and 90 minutes every 12 months. The unit shall be capable of full recharge in compliance with UL specifications. The unit shall be supplied with a magnetic test switch. A "ServiceRequired" lamp shall be located near the test switch and flash when a fault is detected. A LED based diagnostic display shall be located inside the equipment and shall identify the source of failure (battery, charger, circuitry, or lamps).

The unit shall be **Emergi-Lite®** model: _____.

Battery Warranty*

Entire unit (excluding lamps) carries a 3-year full warranty.

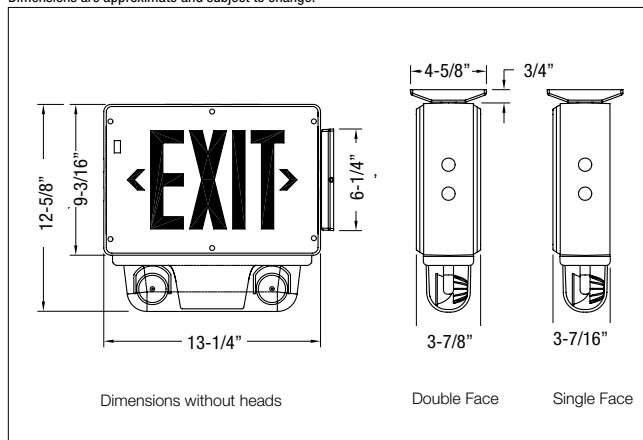
Battery Warranty*

Sealed Nickel-Cadmium batteries carry a 5-year full warranty and a 5- year pro-rata warranty.

* Subject to proper installation and maintenance.

Dimensions

Dimensions are approximate and subject to change.



Unit Rating

Sealed Maintenance-Free Battery Types	Watts to 87-1/2% of rated battery voltage*			
	1-1/2 hrs	2 hrs	3 hrs	4 hrs
Nickel-Cadmium	12	9	—	—
	24	18	12	9

* National Electrical Code Specification.

Power Consumption

Model	AC Specs		DC Specs (90 minutes)	
SVX12N	120/277VAC	0.12/0.06A 13W	6V	12W
SVX24N	120/277VAC	0.17/0.08A 19W	12V	24W

How to Order

HOUSING/FACE COLOR	SERIES/ CAPACITY	FACES	LEGEND COLOR	DIAGNOSTICS	HOUSING	# OF HEADS	LAMP TYPE/ WATTAGE	OPTIONS
WW = White/white WB = White/black WA = White/ aluminum BB = Black/black BW = Black/white BA = Black/ aluminum GA = Gray/ aluminum GW = Gray/white GB = Gray/black	SVX12N = 6V-12W SVX24N = 12V-24W	1 = Single face 2 = Doubleface	R = Red legend G = Green legend	DA = Advanced Diagnostics (audible) D = Advanced Diagnostics (non-audible) NEX = NEXUS® wired * NEXRF = NEXUS® wireless*	4X = Wet/ Damp Locations	Blank = 0 heads* 2 = Two heads	LA = 6V-4W, MR16 LED LG = 12V-4W, MR16 LED LI = 12V-5W, MR16 LED LJ = 12V-6W, MR16 LED MI = 6V-6W, MR16 MK = 12V-12W, MR16	Blank = No options -CM = Canopy pendant mount CW4 = Cold weather (-40°F/-40°C)* FA = Flasher (fire alarm activated) F/B = Flasher/buzzer (AC power failure) FL = Flasher (AC power failure) -208V = 208VAC, 60Hz input -240V = 240VAC, 60Hz input -208V50HZ = 208VAC, 50Hz input
* CSA US Approved only, Consult your sales representative					* A remote load must be connected			* Single face only

Example: **WWSVX12N1RD4X2LGCW4**