



EVE4X Series

WET LOCATION/NEMA 4X LED EXIT SIGN

DATE: _____ LOCATION: _____
 TYPE: _____ PROJECT: _____
 CATALOG #: _____



FEATURES

- Polycarbonate housing with polyamide fasteners
- Easily installs to wall surfaces
- Bright and even exit sign illumination
- Red or green LEDs with a 10 year life-cycle
- Snap-in chevrons for directional indication
- 120/277 VAC input
- AC-On LED and push-to-test switch
- Long-life nickel metal hydride battery



SPECIFICATIONS

APPLICATION

- The EVE4X is designed for indoor or outdoor wet or dusty environments requiring corrosion resistant, UL50 type 4X exit signs with energy-saving, long-life LEDs
- Available in AC only or emergency operation which includes a nickel metal hydride (NIMH) battery and provides a full 90 minutes of emergency exit illumination in the event of power failure
- Includes a constant current charger.
- The EVE4X accepts 120/277VAC input at 60Hz with a self-diagnostic option

CONSTRUCTION

- The EVE4X Series enclosure and cover is constructed of impact-resistant Polycarbonate with light gray color
- The cover is secured to the housing by means of four polyamide screws
- A polyurethane gasket provides a watertight and dust-tight seal
- A white trim plate installs under the housing cover
- Directional arrows are snap-in chevron type

INSTALLATION

- EVE4X Series exit signs are designed to mount to the wall through four 1/4" integral mounting holes in the unit housing
- Mounting hardware is supplied by others
- Units must be surface wired for utility power input
- Housings are easily drilled or punched to accept sealed conduit hubs (supplied by others)

ILLUMINATION

- The EVE4X series provides bright and uniform exit panel illumination
- By using energy saving, long-life red or green LEDs with a 10 year lifecycle
- The panel face exceeds UL924 requirements for brightness and uniformity

COMPLIANCES

- Listed and Labeled to UL 924 Wet Location and IP66/UL Type 4X
- Listed to UL924 Standard
- NFPA 101 (Life Safety Code)
- NFPA 70 (National Electrical Code)
- CEC Title 20 Compliant

WARRANTY

- EVE4X: 5 year warranty
- Battery: 3 years full, 7 years pro-rata

KEY DATA	
Power Factor, Average	.8 (lagging)
Wattage Range	2.2-5.0
Battery Type	Sealed Nickel Cadmium
Reported Life (Hours)	60,000
Input Current Range	120/277VAC, 60 Hz



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ORDERING GUIDE

Example: EVE4XRWE

CATALOG #

EVE4X		W								
Model	Letter Color	Finish	Operation	Self-Diagnostic	Options					
EVE4X	Wet Location Nema 4X Exit Sign	R Red G Green	W White	Blank AC Only E Emergency	Blank I Spectron® self-testing/self-diagnostic electronics ¹⁷	DC Remote Input DC Operation ^{3,5}	FAP Fire Alarm Panel ^{2,4,6,7}	FM Flasher Module ^{2,7}		

- Notes:
- 1 For use with emergency models only
 - 2 For use with Spectron® Self-Test/Self-Diagnostic models only
 - 3 For use with AC models only
 - 4 Operates with 24-volt AC or DC fire alarm panels
 - 5 For emergency illumination of sign from remote 6-24 volt power sources
 - 6 DC Option may not be specified with FAP option
 - 7 FM and FAP options may not be specified together

RELATED PRODUCTS



EVC Combo Exit/ Light



EVE Exit Sign



EV Emergency Light



EV4R Recessed Emergency Light



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ADDITIONAL PRODUCT INFORMATION

ELECTRONICS

Upon failure of the normal utility power, a solid-state transfer switch automatically activates the exit LEDs. Upon resumption of the normal utility power, the battery is disconnected from the load and recharged through a constant current charger. The battery is a maintenance-free Nickel Metal Hydride (NiMH) type. The EVE series accepts 120/277VAC at 60 Hz. A low voltage battery disconnect (LVD) feature protects the battery from damage during prolonged power failures. Manual testing is available at any time using the push-to-test button. Rated LED lifecycle-greater than 100,000 hours or 10 years.

STANDARD FEATURES INCLUDE

- External push-to-test switch and AC-on indicator
- Battery re-charge within 24 hours
- AC Lock-out battery circuit
- Low voltage battery disconnect
- UL 50 type 4X units for indoor/outdoor use
- Suitable for use in wet locations
- Oil-resistant gasket for watertight/dust-tight seal
- High-impact, corrosion-resistant polycarbonate housing
- Easy installation
- Bright, even illumination
- Exceeds NFPA 101 illumination requirements
- Red or green letters
- Snap-in chevron type directional arrows

OPTIONAL SPECTRON® FEATURE

- Self-diagnostics monitors LED status, LED load transfer circuit, battery capacity and charger function and displays any fault detection by means of a flashing code
- Self-test feature automatically runs a 1 minute test once a month and an alternating 30 or 60 minute test once every 6 months. Multi-color LED indicator provides visible fault detection and charging status.
- User initiated 1 or 90-minute system test feature
- 15 minute re-transfer delay
- Automatic unit transfer in brown-out conditions (below 80% of nominal AC input voltage)

OPERATING TEMPERATURE RANGE

- AC 32°F to 104°F (0°C-40°C)
- Emergency 50°F to 104°F (10°C-40°C)

WEIGHT

2.5 lbs

POWER CONSUMPTION (120/277VAC)

Model	120VAC, 60Hz			277VAC, 60Hz		
	Amps	Watts	Power Factor	Amps	Watts	Power Factor
Red AC Only	0.02	1.42	0.59	0.009	1.36	0.54
Green AC Only	0.02	1.36	0.57	0.009	1.30	0.57
Red Emergency	0.027	2.01	0.62	0.0127	1.94	0.55
Green Emergency	0.027	2.01	0.62	0.0127	1.94	0.55

DIMENSIONS

