

Type No. _____
Job Name _____
Catalog No. _____



Shown: NXACLSR



Shown: NX2HLR



NX Series NEMA Exit Signs

- Corrosion and Moisture Resistant LED Exit and Combination Exit/Emerg.
- LED Illumination
- Enclosure Meets NEMA 3, 3r, 4, 4x, 12 & 13 Classifications
- Maintenance Free, Sealed Nickel Cadmium or Lead Calcium Battery

Housing

- Enclosure meets NEMA 3, 3r, 4, 4x, 12 and 13 classifications
- Watertight enclosure constructed of fiberglass reinforced polyester with clear polycarbonate cover
- Two head NEMA exit features fully adjustable 6 volt 6 watt halogen Par 36 sealed beam lamps which are enclosed in a watertight, reinforced polycarbonate housing
- Test switch and LED indicator light (emergency only)
- Available in back mount only

Battery

- Maintenance free, sealed nickel cadmium battery has an expected service life of 10 years with an operating range of 20°F (-7°C) to 95°F (35°C)*
- Nickel cadmium batteries are ideal for high ambient temperature areas
- Combination LED exit/emergency unit exit uses a maintenance free, sealed lead calcium battery with an expected service life of 5 years with an operating range of 65°F (19°C) to 85°F (30°C)*

* Increases or decreases in temperature will affect battery performance and/or capacity. Optimum battery performance realized at 77°F (25°C).

Application

- Industrial locations where water, oil and dust resistant equipment is required

Warranty

Electronics: 3 years

Battery: 1 year full, 4 years pro-rata (lead calcium)

5 years full, 5 years pro-rata (nickel cadmium)

Electronics

- 120/277 VAC selectable input on most units
- Solid-state, constant current charging circuitry
- Low voltage disconnect (LVD) prevents deep discharge during extended power failure
- Labor saving AC lockout installation feature
- Brownout protection activates unit when AC voltage drops 20% below nominal

Electrical Specifications

Exit Only: 0.08 amps (120 VAC), 0.04 amps (277 VAC)

Exit Combo: 0.161 amps (120 VAC), 0.07 amps (277 VAC)

Code Compliance

- UL 924
- UL damp location listing optional, UL wet location listing optional -22°F (-30°C) to 104°F (40°C)
- NFPA 101, NEC, BOCA, OSHA, and IBC illumination standards
- NSF listing standard 2 "Splash Zone"

NEMA Classifications

- NEMA 3: Provides a degree of protection against windblown dust and windblown rain
- NEMA 3r: Provides a degree of protection against falling rain
- NEMA 4: Protects enclosed equipment against all types of water entry
- NEMA 4x: Same as NEMA 4 plus corrosion resistance
- NEMA 12: Protects enclosed equipment against entry of fibers, dirt and dust
- NEMA 13: Provides a degree of protection against lint, dust seepage, external condensation, and spraying of water, oil and non-corrosive liquids

NX Series, NEMA Exit Signs

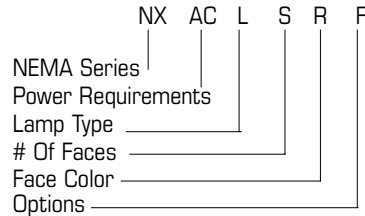
Ordering Information

NX		L			
SERIES	POWER REQUIREMENTS	LAMP TYPE	# OF FACES	FACE COLOR	OPTIONS ¹
NX	AC = AC Only DC = AC/DC Operation ² SP = Self-Powered, Nickel Cadmium 2H = Combination Exit/Emg., Lead Calcium	L = LED	S = Single BLANK = Two Head Combo	R = Red LEDs G = Green LEDs	2CKT1 = 120 VAC Two Circuit 2CKT2 = 277 VAC Two Circuit EK = Special Input Transformer F = 24 VDC Fire Alarm Interface FL = Emergency Flasher S = Shatter Resistant Lamp Head Lens TP = Tamperproof Lockup ³ W = Wet Location Listing Z = Damp Location Listing

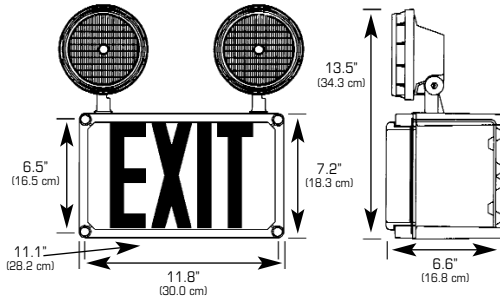
NOTES: 1) Some option combinations may impact UL listing. Consult factory for specifics. 2) Accepts 8 to 48 VDC as an emergency only power source. 3) Includes tamperproof hardware and bit.

ACCESSORIES (Ordered Separately)
EMF = External Mounting Feet

Ordering Example



Dimensions



Suggested Specification

Furnish and install LightGuard NEMA Series exit sign model _____. The exit shall be listed to Underwriter's Laboratories, Inc. Standard #924 and shall meet the standards of the National Electrical Code (NEC).

INSTALLATION AND OPERATION - Exit shall be easily field connected to a 120 or 277 VAC, 60 hertz, unswitched power source. Installation must comply with the NEC as well as other applicable codes. (Self-Powered Only) - Upon utility power failure or brownout, the unit shall automatically transfer to battery power and maintain the required illumination level for a minimum period of 90 minutes. Upon restoration of utility power, the charger shall restore the battery to full charge within UL 924 requirements following a rated discharge of not more than 90 minutes.

CHARGER (Self-Powered Only) - Product shall utilize a fully automatic, solid state charging system which will maintain the battery at full capacity without the need for periodic exercising or equalization. The following features shall be standard: Low voltage disconnect (LVD), brownout protection and AC lockout. Three year warranty provided.

BATTERY (Self-Powered Only) - The battery shall be maintenance free, sealed lead calcium or maintenance free, sealed nickel cadmium.

ILLUMINATION - LED: The LED model shall operate 87 diodes connected in parallel in both AC and emergency modes, which means the unlikely loss of one LED will not affect the remaining LEDs on the panel. Each LED panel shall consume less than 6 watts.

HOUSING - The exit sign housing shall be constructed of gray, impact resistant, fiberglass reinforced polyester with a clear polycarbonate cover. The combination exit/emergency version shall include polycarbonate lamp heads.

ALL SPECIFICATIONS SUBJECT TO CHANGE WITHOUT NOTICE



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