

Project/Location: \_\_\_\_\_

Contractor: \_\_\_\_\_

Date: \_\_\_\_\_

Prepared by: \_\_\_\_\_

# ENC Series

## NEMA-4X Rated Pictogram Combination Unit



### Typical Specification

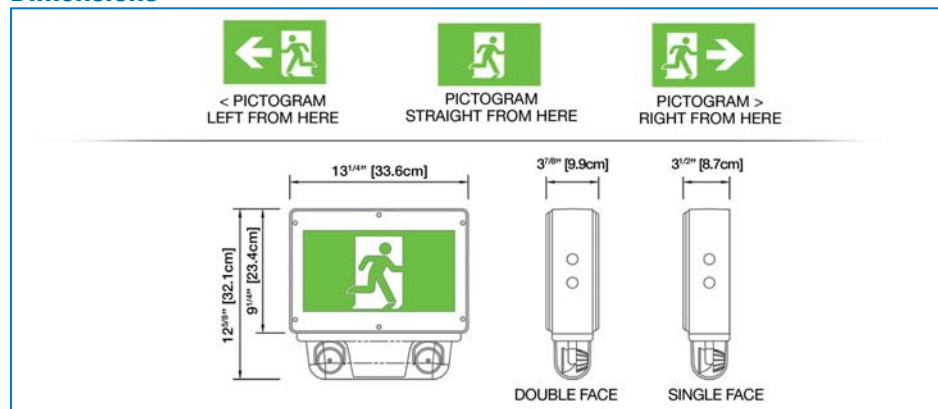
Supply and install **Emergi-lite ENC Series** combination of unit equipment and pictogram exit sign. Designed specifically for the industrial environment, the equipment frame shall be of industrial grade polyvinyl chloride with gaskets around both sides of the frame contour. The back plate shall be made of 1/8-inch thick aluminum sheet and shall include knock-outs for installation on an electrical box. The faceplate(s) shall be constructed of heavy-duty vandal-resistant clear polycarbonate and feature a uniformly illuminated pictogram legend. Each face plate shall come standard with two legend films for pictogram and direction selection. The light source shall be long-life white light-emitting diodes (LED). The unit shall have attached a lower compartment containing two emergency heads with adjustable swivels and long-life MR-16 LED lamps of \_\_\_ V and \_\_\_ W. The heads shall be installed on a shield housing made of rigid thermoplastic and shall be protected by a shock-absorbent, clear polycarbonate cover.

The standard AC input voltage shall be 120/347Vac. The unit shall be equipped with a magnetic test switch and a LED pilot light protected by the clear face plate. The unit shall perform auto-diagnostic functions managed by a micro-controller and shall automatically self-test for one minute every 30 days, 10 minutes in the 6<sup>th</sup> month and 30 minutes annually. When a fault is detected, the bi-colour pilot light shall turn from green to red and flash following a particular code. The code description shall be displayed on a label next to the pilot light to identify the failure type: battery, charger circuitry, LED lights for the signage, or emergency lights.

The combination unit shall meet or exceed the standard CSA C22.2 No.141.

The equipment shall be **Emergi-lite** Model: \_\_\_\_\_.

### Dimensions



### Features

- Certified Nema-4X for wall or ceiling mount
- Certified NSF for use in food processing areas
- Meets or exceeds CSA 22.2 No.141-10 standard for pictogram exit signs
- Polyvinyl chloride frame, with built-in gasket to prevent water infiltration
- Sealed, vandal-resistant faceplate of polycarbonate
- Legend illuminated by long-life white LED's
- Comes standard with two pictogram films per face, for direction selection
- Two high-performance MR16 LED lamps shielded by a clear polycarbonate cover
- 4-Watt LED emergency lights provide 30 - 36 feet of egress illumination on a 6-foot wide path
- Sealed, maintenance-free Lead-Calcium or Nickel-Cadmium batteries
- Remote load capacity: covers with 4-Watt LED lights 100 feet up to 230 feet of egress illumination
- Comes standard with auto-diagnostic
- Cold-weather option: -40°C with only 14W extra power consumption



**nexus**  
**NEMA-4X**



### Power Consumption

Model	AC Specs	Emergency power available for lamps					
		30 min.	1 hr.	1.5 hrs.	2 hrs.	4 hrs.	
Pictogram sign module	120/347 Vac	Less than 2.5W	-	-	-	-	
ENC-6L36	120/347 Vac	0.10 / 0.03 Amp	36	21	15	12	
ENC-6L36-CW		0.25 / 0.08 Amp	36	21	15	12	
ERN36-6N36		0.10 / 0.03 Amp	36	30	20	16	8
ENC-6N36-CW		0.25 / 0.08 Amp	36	30	20	16	8
ENC-12N60		0.18 / 0.06 Amp	60	40	30	20	10

### Ordering Information

Series	Faces / Mounting*	Housing colour	Battery type and power	Head style and power	Options
ENC= NEMA-4X & NSF pictogram exit combo unit	1= single face 2= double face  *Universal mounting	B= black W= factory white	6L36= 6V-36W Lead-Calcium 6N36= 6V-36W Nickel-Cadmium 12N60= 12V-60W Nickel-Cadmium	Blank= no head LA= 2 x MR16 LED 6V 4W LG= 2 x MR16 LED 12V 4W MI= 2 x MR16 halogen 6V 6W MJ= 2 x MR16 halogen 6V 10W MK= 2 x MR16 halogen 12V 12W	Blank= auto-diagnostic, non-audible (standard) CW= cold-weather -40°C to +25°C only with 6-volt single-face units D3= time delay, 15 minutes FA= fire alarm activated flasher FL= flasher (AC power failure) FB= flasher/buzzer (AC power failure) U= auto-diagnostic, audible -2= 120/277Vac input NEX= NEXUS® system interface* NEXRF= wireless NEXUS® system interface* *Some options are not available with NEXUS®

EXAMPLE: ENC1B6N36LA

Unlike EXIT signs, the pictogram sign is not available in double arrow configuration.