400E Series

Die-Cast Aluminum LED Exit

Exitronix die-cast aluminum exit signs are designed to combine both elegance and performance while maintaining optimal energy-efficiency with bright, uniform illumination.

Model: _____ Date: _____

Accessories: _____

Job Name: _____ Type: _____

FEATURES & BENEFITS

- Specification grade exit sign with an enclosure constructed of precision die-cast aluminum
- Field-selectable directional chevron knockouts
- Optional Guardian Self-test/Self-diagnostics (G2) available
- Custom legends available
- Assembled in the USA with global components

SPECIFICATIONS

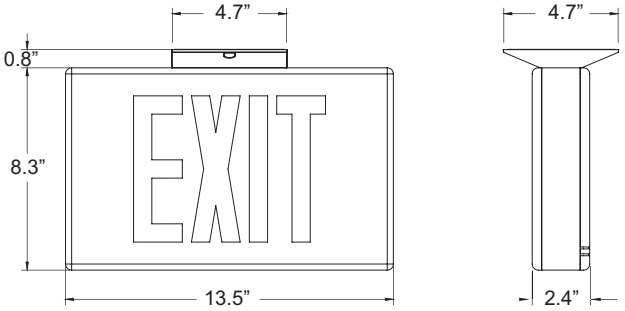
Illumination:	Constant, uniform illumination by long-life, high-intensity red LEDs
Housing:	Die-cast aluminum
Input:	120/277VAC Dual Primary, 50/60Hz
Battery:	Maintenance-free NiCad (standard) or NiMH (G2) batteries
Operating Temp:	0°C to 40°C (32°F to 104°F)
Electrical:	Low voltage disconnect eliminates deep discharge, brownout protection, overcharge protection, short circuit and voltage surge protection
Run Time:	UL Listed 90 minute emergency run time, 24 hour recharge time
Mounting:	Ceiling, end or wall mount, mounting canopy included
Finishes:	Black or White
Certfications:	UL 924 Listed, meets or exceeds NEC requirements and NFPA 101
Warranty:	Any component that fails due to a manufacturing defect is guaranteed for 25 years with a separate five year prorated warranty on the battery. The warranty does not cover physical damage, abuse or instances of uncontrollable natural forces. See the full Exitronix warranty document for detailed information. (Terms and Conditions apply)

AVAILABLE WHILE SUPPLIES LAST

Custom legends available

ASSEMBLED IN USA WITH GLOBAL COMPONENTS

25/5 WARRANTY



ORDERING INFORMATION Example: 402E-WB-BL-G2

Series	**Power Source**	**Finish**	**Options** (Factory Installed)
402E = Red Single-Face	LB = AC Only	BB = Black w/ Black Face	FM[2] = Flush-Mount Kit
403E = Red Double-Face	WB[3] = NiCad Battery (std)	BL = Black w/ Alum. Face	G2[1,3] = Self-test/Self-diagnostics
	2CI1 = 2 Circuit Input 120/120V	WW = White w/ White Face	G2-220V[1,3,4] = Self-test/Self-diagnostics - 220V
	2CI7 = 2 Circuit Input 277/277V		G2-230V[1,3,4] = Self-test/Self-diagnostics - 230V
	2CI17 = 2 Circuit Input 120/277V		G2-240V[1,3,4] = Self-test/Self-diagnostics - 240V

Note: See Specialty Signage specification for custom/alternate legends

See Social Distance Signage specification for social distancing legends

Notes
[1] Available with battery units only
[2] FM only available in single face
[3] G2 option comes standard with NiMH batteries, not available with 2CI power source
[4] 220/230/240V only available with red legend
[5] 400E-VL-TRH-KIT includes two vandal lenses and tamper-resistant hardware
[6] Order as separate line item

Accessories[6] (Field Installed)
ER1-KIT = 1' Pendant Mount Kit
ER2-KIT = 2' Pendant Mount Kit
WG-S = Wire Guard (Back Mount)
XG-1 = Poly Guard (Back Mount)
XG-3 = Poly Guard (Ceiling Mount)
400E-VL-TRH-KIT[5] = Vandal Kit

CONSTRUCTION

The 400E Series exit is constructed of a specification grade die-cast aluminum body with soft corners designed for traditional mounting as well as conduit entry and pendant mounting. Clear finish on brushed face prevents fingerprints or other surface impurities. Field-selectable chevron knockouts are concealed and easily removed. All units are supplied with mounting canopy for ceiling, wall or end mounting.

Stencil letters are 6" high with 3/4" stroke.

ILLUMINATION

Illumination of the 400E Series is accomplished utilizing high-intensity, long-life LEDs. LEDs are a maintenance-free solution, providing up to 100,000 hours of use without failure.

ELECTRICAL

Input

Dual-voltage input 120 or 277VAC @ 50/60Hz.

Nickel Cadmium Battery - NiCad (Standard)

Exitronix nickel cadmium batteries are maintenance-free and continue to perform in a vast temperature range from 0°C to 40°C (32°F to 104°F).

Nickel-Metal Hydride - NiMH (With G2 Option Only)

Exitronix NiMH batteries are maintenance-free and perform optimally in temperatures ranging from 0°C to 40°C (32°F to 104°F).

Two-Circuit Operation (2CI1, 2CI7, 2CI17)

Two-Circuit input allows for a primary and auxiliary power source to be connected to the emergency unit that does not contain a battery. Applications include those with inverters or alternate backup power sources.

Brownout Circuit

Brownout circuit monitors the line voltage, as the line voltage sags and can no longer illuminate the exit sign to meet UL 924 visibility test, the emergency circuit will turn on to supply a portion or all the power to illuminate the sign for a minimum of 90 minutes until the line voltage is restored.

Low Voltage Disconnect

Low Voltage Disconnect (LVD) measures the battery terminal voltage. The LVD continuously monitors the battery terminal voltage and if it should fall below a preset voltage threshold, the LVD will disconnect the load. When the battery is recharging and voltage is raised above another preset voltage threshold, the load is automatically reconnected.

Solid-State Transfer

The circuit features solid-state switching for emergency mode, eliminating concerns of damaged contact or mechanical failures associated with relays. The switching circuit detects a loss of line voltage and automatically switches to emergency mode.

Overload and Short-Circuit Protection

The overload monitoring system is a solid-state circuit which monitors the unit's load and disconnects from the battery should an overload or short circuit occur. The overload current protection eliminates the need for fuses or circuit breakers for the DC load.

Test Button

The test button is easy to locate and provides manual verification of the transfer circuit and emergency lamps.

INSTALLATION

Installs in minutes with easy-to-read instructions and detailed diagrams. No special hardware or tools necessary. Internally housed components and battery eliminate the use of a canopy when wall mounting single faced exits.

ASSEMBLED IN THE USA WITH GLOBAL COMPONENTS

Assembled in the USA and is in full compliance with Buy American Act (BAA) provisions.

OPTIONS

Guardian Self-Test/Self-Diagnostics (Option: G2)

The Guardian circuit continuously monitors the operating condition of the AC power, battery supply voltage, emergency lamp continuity and charging circuit.

The purpose of this option is to provide visual signaling in response to a fault at the exit sign battery and/or battery charger. If a failure is detected, visual status will occur immediately via the CHARGER LED and/or the BATTERY FAULT LED. The LEDs will stay illuminated until the fault is corrected.

The Guardian circuit also monitors the transfer circuit as well as performing automatic code compliant testing. The Guardian circuit will perform a 30 second discharge and self-test every 28-30 days. A 90 minute discharge and self-test is performed every six months.

Flush-Mount Kit (Option: FM)

The 400E Series is available for flush-mount installations where low level or reduced clearance is required. Kit includes flush-mount face and all hardware for installation.

Specialty Signage

For custom/alternate legends, see our Specialty Signage specifications.

Social Distancing Signage

For social distancing legends, see our Social Distancing Signage specifications.

CONFORMANCE TO CODES & STANDARDS

The 400E Series is UL 924 Listed and meets or exceeds the following: NEC requirements and NFPA 101.