400E Series

Die-Cast Aluminum LED Exit

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

Model: _____ Date: _____

Accessories: _____

Job Name: _____ Type: _____

Custom legends available

FEATURES

- Specification-grade exit with an enclosure constructed of precision die-cast aluminum
- Custom legends available
- Low voltage disconnect eliminates deep discharge
- Brown-out protection, overcharge protection, short circuit and voltage surge protection
- Maintenance-free NiCad or NiMH battery
- Ceiling, back or end mount
- Constant, uniform illumination by long-life, high intensity, red or green LEDs
- Fully-illuminated 6” characters with 3/4” stroke
- Field selectable directional chevron knockouts
- Optional Guardian Self-Test/Self-Diagnostics (G2) available
- 120/277V dual primary, 60Hz input
- Standard finishes: Black, White or Brushed Aluminum
- Assembled in U.S.A.

WARRANTY

Any component that fails due to manufacturers defect is guaranteed for 25 years with a separate 5 year pro-rated warranty on the battery. The warranty does not cover physical damage, abuse or acts of God. See the full Exitronix warranty document for detailed information.

25/5 WARRANTY

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

Series	Power Source	Finish	Options (Factory Installed)
402E = Red Single Face	LB = AC Only	BL = Black w/ Alum. Face	DL[1] = Down Light
403E = Red Double Face	WB[3] = NiCad or NiMH Battery	BB = Black w/ Black Face	FM[2] = Flush Mount Kit
G402E = Green Single Face	2CI1 = 2 Circuit Input 120/120V	WW = White w/ White Face	G2[3] = Self-Test/Self-Diagnostics
G403E = Green Double Face	2CI7 = 2 Circuit Input 277/277V	BA = Brushed Alum. w/ Alum. Face	G2-220V[1] = Self-Test/Self-Diagnostics - 220V
	2CI17 = 2 Circuit Input 120/277V		G2-230V[1] = Self-Test/Self-Diagnostics - 230V
			G2-240V[1] = Self-Test/Self-Diagnostics - 240V
			MR2[4] = Remote Twin Unit
			SS[5] = Specialty Signs

	Accessories[6] (Field Installed)
	ER1-KIT = 1’ Pendant Mount Kit
Notes	ER2-KIT = 2’ Pendant Mount Kit
[1] Available with battery units only, cannot be combined with any other options	VL = Vandal Lens
[2] FM only available in single face	WG-1 = Wire Guard (Back Mount)
[3] G2 option comes standard with NiMH batteries, not available with 2CI power source	WG-2 = Wire Guard (End Mount)
[4] MR2 only available in single face, WB or G2	WG-3 = Wire Guard (Ceiling Mount)
[5] Consult factory for alternate legends	XG-1 = Poly Guard (Back Mount)
[6] Order as separate line item	XG-3 = Poly Guard (Ceiling Mount)

CONSTRUCTION
The 400E series exit is constructed of specification grade precision cut 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 back, top 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 @ 60Hz.

Sealed Nickel Cadmium Battery - NiCad (With Battery Only)
Exitronix nickel cadmium batteries are maintenance-free with a life expectancy of 15 years. Nickel cadmium batteries offer high discharge rates and continue to perform in a vast temperature range from 32°F - 104°F (0°C - 40°C).

Sealed Nickel-metal Hydride - NiMH (With G2 Option Only)
Exitronix NiMH batteries are maintenance-free with a life expectancy of 15 years. NiMH batteries perform optimally in temperatures ranging from 32°F to 104°F (0°C to 40°C).

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 invertors 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 UL924 visibility test, the emergency circuit will turn on to supply a portion or all the power to illuminate the sign for 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 lamps, 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 lamp load and disconnects from the battery shall 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 back mounting single faced exits.

Assembled in the U.S.A. (Standard)
Assembled in the U.S.A. and is in full compliance with the American Recovery and Reinvestment Act of 2009 (ARRA) requirements and Buy American 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 6 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.

Remote Twin Unit (Option: MR2)
The remote twin unit option provides a second matching exit designed to utilize the electronics from the base unit. This option is ideal for applications where a standard unit and low level unit are required for the same exit location.

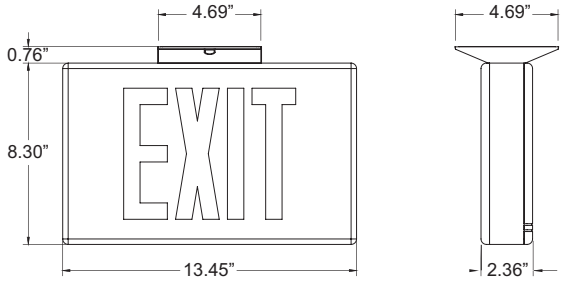
Custom and Specialty Legends (Option: SS)
Exitronix offers a variety of standard specialty signs designed to provide directional or safety information in applications where clear and accurate delivery of information is required. Examples of specialty legends include:

"X-RAY IN USE"	"ON THE AIR"
Restroom Signage	"DO NOT ENTER"
"NO SMOKING"	"OOCUPIED"

"AREA OF RESCUE ASSISTANCE" with ADA Symbol on Left or Right

Custom Legends are also available - please call factory for details with questions.

DIMENSIONS



Specifications are subject to change without notice.
Installation must be performed in accordance with
Barron Lighting Group installation instructions.

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BARRON lighting group
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