

# CHLORIDE

by  Signify



## Exit/Emergency

HZ series

Class I & II Division 2,  
Class III exit signs



Project: \_\_\_\_\_

Location: \_\_\_\_\_

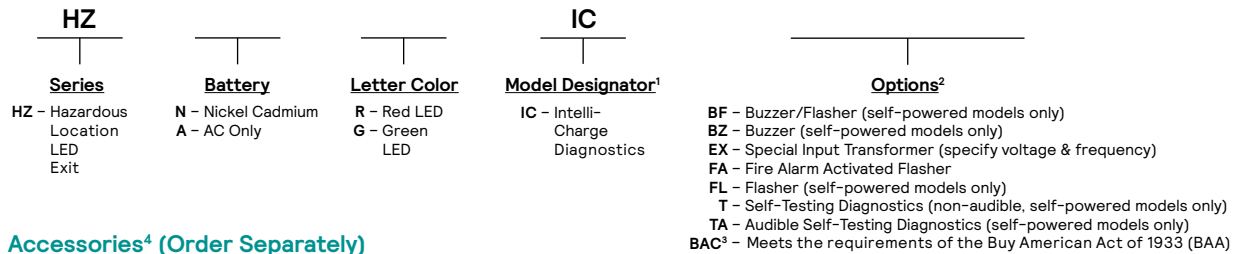
Cat.No: \_\_\_\_\_

Type: \_\_\_\_\_

Lamps: \_\_\_\_\_ Qty: \_\_\_\_\_

Notes: \_\_\_\_\_

### Example: HZNRICT



### Accessories<sup>4</sup> (Order Separately)

ICIR – Intelli-Charge Infra-Red Remote  
WG5 – Wire Guard

### Footnotes

- For self-testing models refer to options.
- Some option combinations may impact UL listing. Consult factory for specifics.
- Failure to properly select the "BAC" suffix could result in you receiving product that is not BAA compliant product with no recourse for an RMA or refund. This BAC designation hereunder does not address (i) the applicability of, or availability of a waiver under, the Trade Agreements Act, or (ii) the "Buy America" domestic content requirements imposed on states, localities, and other non-federal entities as a condition of receiving funds administered by the Department of Transportation or other federal agencies.
- Consult Signify to confirm whether specific accessories are BAA-compliant.

### codes and standards

- UL 924 and 844 listed
- Temperature Rating (T-Rating) 160° (T3C)
- Class I, Zone 2 T-Rating 200° (T3)
- NFPA 101, NEC, IBC, BOCA, and OSHA illumination standard
- IEC 61951-1 Life Testing (batteries)
- The HZ Series is UL listed for Class I, Division 2, Groups A, B, C & D; Class I, Zone 2, Groups IIA, IIB (+ H2) & IIC; and Class II, Division 2, Groups F & G and Class III hazardous location areas.

### construction

- Constructed of impact resistant, fiberglass reinforced polyester gray housing and includes stainless steel hardware and clear polycarbonate cover.
- The housing includes a one piece formed gasket and corrosion-resistant hardware.

### installation

- Wall mounted unit.
- Standard internal or external mounting feet provide installation flexibility.

### electronics

- 120/277 VAC dual voltage input with surge protection is standard on all models.
- Self-powered models feature the Intelli-Charge circuit where the charging system is microprocessor driven with software embedded diagnostic routine and temperature compensation.
- Self-powered models include brownout detection, AC lockout, low voltage disconnect, AC power indicator, charge status indicator, audible user-interface controls, visual LED system fault indicator, and tactile push-to-test switch.
- Additional equipment safety features include reverse battery polarity detection and protection, and reverse utility power detection and protection.
- All self-powered models include an on-board IR receiver for use with the optional hand-held remote (ICIR).
- (optional self-testing electronics) The diagnostic/charging platform with optional self-testing mode automatically runs a one minute self-test once a month and a 30 minute test on the sixth and twelfth month in accordance with NFPA 101.
- A one minute or 90 minute test may be initiated via the push to test switch on the unit or by activating the appropriate test command on the optional IR test device.
- Power Consumption  
 AC only, red or green: (120 VAC) 0.032 A, PF = 0.95, (277 VAC) 0.014 A, PF = 0.88.  
 Self-powered, red or green: (120 VAC) 0.048 A, PF = 0.90, (277 VAC) 0.023 A, PF = 0.90.
- Operating temperature range 65°F (19°C) to 85°F (30°C).



# HZ Class I & II, Division 2, Class III exit signs

## lamps

- Illumination of the exit stencil face is accomplished with long lasting, high output LEDs, producing an average illumination level in excess of 25 f1 (85.7 cd/m<sup>2</sup>) at the end of the 90 minute emergency run time.

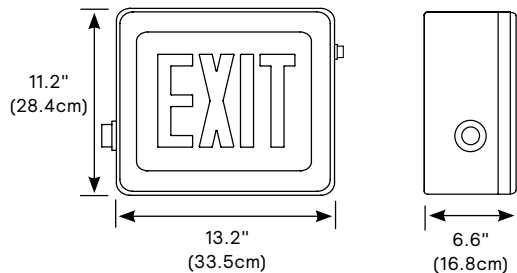
## battery

- Maintenance free sealed nickel cadmium battery.
- Provides a minimum of 90 minutes of emergency power.

## warranty

- Five year warranty on unit (lamps not included).

## dimensions



## options

- BF – This option enables the exit sign to buzz and flash together when the sign is operating under battery power. The buzzer and flashing rate is an approximate 50% duty cycle.
- BZ – This option enables the exit sign to buzz when the sign is operating under battery power. The buzzer rate is an approximate 50% duty cycle.
- EX – The special input transformer option allows for input voltage and frequencies beyond the standard 120/277 VAC, 60 Hz input.
- FA – This option provides a two wire harness for the electrical connection to the fire control panel. Should the fire panel activate an alarm, the exit sign will flash at a rate of approximately 50% duty cycle.
- FL – This option causes the exit sign to flash when the sign is operating under battery power. The flashing rate is approximately a 50% duty cycle.
- T – The self-testing option enables a periodic self-test of the equipment where a test routine is established to perform a one minute test once a month with a 30 minute test performed on the sixth and twelfth month in accordance with NFPA 101. Equipment readiness faults are indicated with a visual LED display.
- TA – The audible self-testing option enables a periodic self-test of the equipment where a test routine is established to perform a one minute test once a month with a 30 minute test performed on the sixth and twelfth month in accordance with NFPA 101. Equipment readiness faults are indicated with a visual LED display and an audible alarm.

## Buy American Act of 1933 (BAA):

This product is manufactured in one of our US factories and, as of the date of this document, this product was considered a commercially available off-the-shelf (COTS) item meeting the requirements of the BAA. This BAA designation hereunder does not address (i) the applicability of, or availability of a waiver under, the Trade Agreements Act, or (ii) the "Buy America" domestic content requirements imposed on states, localities, and other non-federal entities as a condition of receiving funds administered by the Department of Transportation or other federal agencies. Prior to ordering, please visit [www.signify.com/baa](http://www.signify.com/baa) to view a current list of BAA-compliant products to confirm this product's current compliance.

