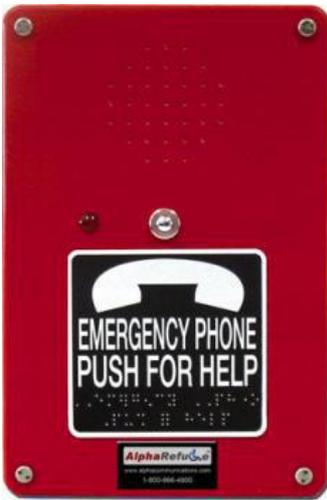# RCB2100N Refuge Call Box (AlphaRefuge™ 2100 Series)

Model RCB2100ND or

RCB2100NR (shown)

Architects' And Engineers' Specifications

The AlphaRefuge™ 2100 Series system Refuge Call Box(es) shall be Alpha Communications® RCB2100N series, or approved equal.

The Refuge Call Box(es) shall be Surface Mount type and shall be enclosed in a Red fiberglass NEMA 4 rated enclosure, suitable for outdoor use. The Refuge Call Box(es) shall contain a built-in battery back-up and charger circuitry and shall be programmable with an outgoing voice message. The Refuge Call Box(es) shall be capable of dialing up to five (5) remote phone numbers and shall contain a built-in heavy-duty metal call button and Red call placed / call answered LED.

The Refuge Call Box(es), shall be IBC, NFPA and ADAAG code compliant.

Contractor shall observe all local and national electrical and building codes.

RCB2100N Refuge Call Box (AlphaRefuge™ 2100 Series)

The Alpha Communications® RCB2100N Series Refuge Call Boxes are used with the AlphaRefuge™ 2100 Series Area of Refuge system, and are Surface Mount type built into a NEMA rated fiberglass enclosure, suitable for outdoor use.

The PWR2410A can provide power for the RCB2100N series Refuge Call Boxes, which operate on 24VDC 'remote' power (suffix-R). The PWR2410A is not needed when the RCB2100N series Refuge Call Boxes are powered by 'direct' 120VAC power (suffix-D).

The RCB2100N Series Refuge Call Boxes come standard with a built-in heavy-duty metal call button, and are available with an optional mushroom head call button (add Suffix- M).

The RCB2100N Series Refuge Call Boxes come standard with a built-in back-up battery and charging circuitry and feature a Red call placed / call answered LED.

Only one (1) PWR2410A power supply is needed per system, for each 10 of the RCB stations.

Features

- Enclosed in a Red fiberglass NEMA 4 rated enclosure, suitable for outdoor use
- Meets all IBC, ADAAG, and NFPA Code requirements
- Fully Automated Operation
- Location Identification Message
- Five (5) Number Dialing Capability
- On-site or Remote Programming
- Built-in Consolidator Feature
- Phone Line Monitoring / Relay Alarm
- Heavy-duty Metal Call Button
- Call Placed / Call Answered LED
- Phone checks every 24 hours for an active phone line, if one is not detected, phone will provide a relay trip
- Braille Label
- Built-in Battery Back-up and Charging Circuitry
- Options (at extra cost) include Strobe & Interface Relay, Mushroom Head call button (add suffix-M) and built-in security pinhole camera
- Rated from -40 to +130 °F
- Made in USA

Specifications

Dimensions:	6.00"W (153mm) x 9.50"H (242mm) x 2.875"D (74mm)
Surface Enclosure:	Matching Red fiberglass NEMA 4 rated enclosure