



BPO LIGHTING

Hazardous Location LED Imports

RBT EXIT

TITLE
20



CLASS I/DIVISION 2 | NEMA 4X | VANDAL RESISTANT



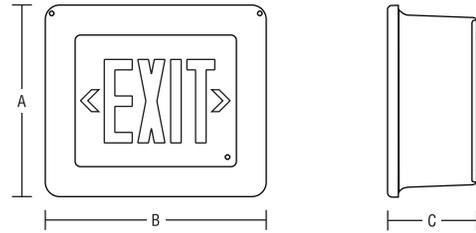
■ specifications: internal

Standard 120/277V input on all versions. Self Powered (SA) models use maintenance free, Nickel Cadmium batteries that provide a minimum 90 minutes emergency duration.

■ specifications: external

The durable NEMA 4X fiberglass enclosure is corrosion and vandal resistant. The housing is fully gasketed and is supplied standard in an industrial gray finish. The **RBT-E** can be surface mounted on a wall. Offered in a single face version only. Removable chevrons are standard. The Self Powered (SA) version comes standard with an LED status indicator and a magnetic test switch.

■ dimensions (in,mm.)



Series	A	B	C
RBT	13.5" 343mm	15.5" 394mm	6.25" 59mm

■ ordering logic

Series	Model	LED	Face No.	Mounting	Voltage	Options
RBT-E	HT (AC Only)	LR (red)	1 (single)	W (Wall)	120/277V	AT (autotest)
	SA (Self-powered)	LG (green)				FL (flashing alarm)
						TP (tamper proof screws)
						SW (special wording- specify)
						2CK (dual circuit)
						120SP (120 min emergency)
						WG (wire guard)
						TC (teflon coated)

EXAMPLE: RBT-E-SA-LR1-W-120/277V-AT

DESCRIPTION: RBT Exit series hazardous exit, AC and Emergency, red LED, single face, wall mount, 120/277V, autotest

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Technical

■ specifications: electrical

BATTERY: The **RBT-E-SA** is designed with a maintenance free, nickel cadmium battery providing a minimum emergency duration of 90 minutes. Optional 120 minute nickel-cadmium batteries are available. Recharge time of the battery is forty-eight [48] hours. The operating temperature is from 50°F up to 104°F (10°C up to 45° C).

CIRCUIT: The **RBT EXIT** is configured with high output, high efficiency red or green LEDs that consume less than 2W. Configured with 120/277V input. Magnetic test switch and monitor LED.

■ specifications: mechanical

The **RBT EXIT** housing is constructed from durable, corrosion resistant fiberglass. The NEMA 4X housing is fully gasketed for harsh and hazardous locations. The front access panel/door is hinged for trouble-free installation and maintenance. The EXIT face is made from a high clarity, clear polycarbonate that has been painted gray on the internal side only, making the unit highly scratch resistant. Field removable chevrons are standard. Special wording / graphics are available, please specify.

■ autotest

The Autotest feature automatically performs a 5 minute discharge test monthly. Every 6 months, two 90 minute discharge tests are performed 24 hours apart. This tests both the battery capacity and recharge capability. The status of the **RBT EXIT** is communicated clearly with a single, multi-color LED indicator.

The **RBT EXIT** has been designed to perform in applications where the environment would punish any standard unit. The entire internal cavity of the sign is protected from moisture ingress by an extremely resilient gasket. The gasketing always holds its original form and has "memory retention" so that it effectively and consistently protects the **RBT EXIT** from moisture.

■ hazardous approvals

The **RBT EXIT** series is approved for use in Class 1, Division 2, Groups A, B, C and D: T2B area classification. In addition, the **RBT EXIT** is also suitable for Class I, Zone 2, IIA, IIB & IIC: T1 & T2 area classification.

■ warranty

The **RBT EXIT** comes with a 5-year factory warranty. Lamps are not covered under the warranty. Deliberate damage, misuse, improper installation effectively cancel the warranty.

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