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## Factory Installed Options

### Combination Exit Signs

#### **BF = Buzzer/Flasher**

This option is applicable only to self-powered exit signs (exit signs with integral battery). 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 = Buzzer**

This option is applicable only to self-powered exit signs (exit signs with integral battery). 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.

#### **FA = Fire Alarm Activated Flasher**

This option is available with AC-only and self-powered (integral battery) exit signs. The FA 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 = Emergency Flasher**

This option is applicable only to self-powered exit signs (exit signs with integral battery). The FL 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 = Self-Testing Diagnostics\***

The 'T' option is only applicable in equipment with Smart Charger diagnostics. The self-testing option enables a periodic self-test of the equipment. The test routine is established to perform a one-minute test every thirty days with a 30-minute test performed on the sixth and twelfth month. This test program satisfies the requirements of the periodic test requirements in NFPA 101, the IBC and the NEC.

#### **TA = Audible Self-Testing Diagnostics\***

The 'TA' option is only applicable in equipment with Smart Charger diagnostics. The audible self-testing option enables a periodic self-test of the equipment. The test routine is established to perform a one-minute test every thirty days with a 30-minute test performed on the sixth and twelfth month. This test program satisfies the requirements of the periodic test requirements in NFPA 101, the IBC and the NEC. Additionally, should the diagnostics circuit ever detect a fault in the equipment, an audible tone will accompany the visual fault indicator, notifying the facility of any product discrepancies.

**\*NOTE:** THERE ARE NO EXCEPTIONS ALLOWED FOR THE ANNUAL 90-MINUTE DISCHARGE TEST REQUIRED BY CODES. THE ANNUAL 90-MINUTE TEST MUST STILL BE MANUALLY ACTIVATED BY THE FACILITY.

#### **TD = Time Delay (default 15-minute)**

The time delay circuit causes the emergency lighting equipment to remain under battery power for a period of 15-minutes AFTER the utility power has been restored. This feature is used in areas that employ re-strike lamps so lighting, at some level, is available during the warm-up period for the normal lighting. This option satisfies a portion of article 700.16 in the NEC.