About CPG by Potter

CPG by Potter offers high quality audible and visual signals with innovative design features for a wide variety of life safety applications. Excellent service provided by our experienced staff, coupled with ISO 9001:2000 certified manufacturing will meet your life safety needs.

We offer a unique and extensive line of explosion-proof life safety signals including horns, strobes, speakers, and amplified speakers that meet strict requirements for use in hazardous applications. All are UL listed for signaling in hazardous and explosion-proof atmospheres.

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Potter, headquartered in St. Louis, Missouri, is a world renowned leader in various life safety industries.

North American Hazardous Locations Classification

Electrical devices used in hazardous areas need to be certified for use according to the requirements specified for the area. The types of protection required depend on the risk involved in the area. In general, hazardous locations in North America are separated by classes and divisions to define the level of safety required for equipment installed in these locations.

Classes

- Class I: Hazardous because flammable gases or vapors are present in the air in quantities sufficient to produce explosive or ignitable mixtures.
- Class II: Hazardous because combustible or conductive dusts are present.
- Class III: Hazardous because ignitable fibers or flying's are present, but not likely to be in suspension in sufficient quantities to produce ignitable mixtures. Typical wood chips, cotton, flax and nylon. Group classifications are not applied to this class.

Divisions

- Division 1: The substance referred to by class is present during normal conditions.
- Division 2: The substance referred to by class is present only in abnormal conditions, such as a container failure or system breakdown.
PowerTone® Speakers

**ASHH**
**PowerTone® Amplified Speaker**
- 24VDC polarized operation
- Multiple tone capability
- Voice capable with PTCK audio interface card
- Spun aluminum cone and projector
- NEMA 3 rated enclosure
- For hazardous locations
- UL, CSFM, MEA listed
- Suitable for use in Class I, Groups A, B, C, and D, Division 2; Class II, Groups F, G, Division 2; Class III

**SPHH**
**PowerTone® High Output Speaker**
- Operates on 25Vrms or 70Vrms signal lines
- Multiple power taps @ 0.5, 1, 2, 7, and 15W
- High dB output for coverage of large areas
- UL sound pressure level 102dB(A) at 10ft
- Built in 15W high efficiency compression driver
- For hazardous locations
- UL, CSFM, MEA listed
- Suitable for use in Class I, Groups A, B, C, and D, Division 2; Class II, Groups F, G, Division 2; Class III

**U5015**
**Explosion Proof Smoke Detector**
- FM Approved for use in Class I, Division 1, and Zone 1 hazardous locations and for smoke detection performance
- Trouble-free photoelectric operation
- 0-20 mA output for DCS integration
- Alarm, Auxiliary, and Fault relays for controlling annunciating devices or fire panel interface
- Suitable for use in Class 1, Div 1, Groups B, C, D T4; Class 1 Div 2, Groups A, B, C, D T4; Class 1, Zone 1, AEX db ia IIC T4 Gb

**RMS-6T-EXP-WP**
**Explosion Proof Manual Fire Alarm Station**
- Single action
- High gloss red enamel
- Double pole double throw switch
- Screw terminal connections
- NEMA 4X rated
- UL, CSFM, MEA listed, FM approved, ADA compliant
- Suitable for use in Class I, Groups B, C, and D; Class II, Groups E, F, and G; and Class III
Explosion Proof Smoke Detector

- Suitable for use in Class 1, Div 1, Groups B, C, and D; Class II, Groups E, F, and G applications
- UL listed
- Current draw only 500mA
- Rugged, corrosion-resistant, explosion-proof circuitry housing
- 24Vdc polarized operation
- Made in the USA
- Meets NFPA requirements
- Ceiling or wall mounting options
- UL listed
- Suitable for use in Class I, Division 1 and 2, Groups C&D; Class II, Division 1, Groups E,F and G; and Class III applications

Explosion Proof Initiating Devices

- PowerTone® Amplified Speaker
  - 24VDC polarized operation
  - UL sound pressure level 97dB(A) at 10ft
  - Multiple tone capability
  - Voice capable with PTCK audio interface card
  - Rugged explosion-proof circuitry housing
  - NEMA 3 rated
  - UL, CSFM, and MEA listed
  - Suitable for use in Class I, Division 1, Groups B, C, and D applications

- PowerTone® Speakers
  - 24VDC polarized operation
  - UL sound pressure level 102dB(A) at 10ft
  - High dB output for coverage of large areas
  - Multiple power taps @ 0.5, 1, 2, 7, and 15W
  - Operates on 25Vrms or 70Vrms signal lines
  - Built in 15W high efficiency compression driver
  - UL sound pressure level 99dB(A) at 10ft
  - High dB output for coverage of large areas
  - Multiple power taps @ 0.5, 1, 2, 7, and 15W
  - Operates on 25Vrms or 70Vrms signal lines
  - Built in 15W high efficiency compression driver
  - UL sound pressure level 94dB(A) at 10ft
  - Vibratory Horn
  - Rugged, corrosion-resistant, explosion-proof circuitry housing
  - Factory sealed leads
  - Marine and NEMA 4X rated
  - UL, CSFM, and MEA listed
  - Suitable for use in Class I, Division 1, Groups C&D; Class II, Division 1, Groups E,F and G; and Class III applications

Explosion Proof Pull Station

- RMS-6T-EXP-WP
  - Suitable for use in Class I, Groups B, C, and D; Class II, Groups E, F, and G; and Class III applications
  - UL, CSFM, listed
  - Univeral one (1) N/O or one (1) N/C contact
  - Two step activation
  - Cast, copper-free aluminum alloy enclosure
  - Designed for hazardous/explosion-proof atmospheres
  - NEMA 7 CD, 9 EFG rated
  - Made in the USA
  - Meets NFPA requirements
  - Current draw only 500mA
  - Rugged, corrosion-resistant, explosion-proof circuitry housing
  - 24Vdc polarized operation
  - Ceiling or wall mounting options
  - UL listed
  - Suitable for use in Class I, Division 1 and 2, Groups C&D; Class II, Division 1, Groups E, F, and G; and Class III applications

Explosion Proof Strobe Light

- FSEX-HI
  - 24VDC polarized operation
  - 80 high intensity flashes per minute
  - Effective candle power of 850 candela (clear lens)
  - Rugged, corrosion-resistant, explosion-proof circuitry housing
  - Marine and NEMA 4X rated
  - UL Listed
  - Suitable for use in Class I, Divisions 1 and 2, Groups A and B; Class I, Division 1, Groups C&D; Class II, Divisions 1 and 2, Groups E&F; and Class III, Divisions 1 and 2 applications
- FHEX
  - 24VDC polarized operation
  - UL sound pressure level 94dB(A) at 10ft
  - Vibratory Horn
  - Rugged, corrosion-resistant, explosion-proof circuitry housing
  - Factory sealed leads
  - Marine and NEMA 4X rated
  - UL, CSFM, and MEA listed
  - Suitable for use in Class I, Division 1, Groups C&D; Class II, Division 1, Groups E,F and G; and Class III applications

Explosion Proof Amplified Speaker

- SPHX
  - Operates on 25Vrms or 70Vrms signal lines
  - Multiple power taps @ 0.5, 1, 2, 7, and 15W
  - High dB output for coverage of large areas
  - UL sound pressure level 99dB(A) at 10ft
  - Built in 15W high efficiency compression driver
  - Rugged explosion-proof circuitry housing
  - NEMA 3 rated
  - UL, CSFM, and MEA listed
  - Suitable for use in Class I, Division 1, Groups B, C, and D applications
- ASHX
  - 24VDC polarized operation
  - UL sound pressure level 97dB(A) at 10ft
  - Multiple tone capability
  - Voice capable with PTCK audio interface card
  - Rugged explosion-proof circuitry housing
  - NEMA 3 rated
  - UL, CSFM, and MEA listed
  - Suitable for use in Class I, Division 1, Groups B, C, and D applications

Explosion Proof Signaling Devices

- MPEX
  - Designed for hazardous/explosion-proof atmospheres
  - NEMA 7 CD, 9 EFG rated
  - Cast, copper-free aluminum alloy enclosure
  - Two step activation
  - Universal one (1) N/O or one (1) N/C contact
  - UL, CSFM listed
  - Suitable for use in Class I, Div. 1 and 2, Groups C and D; Class II, Div.1 and 2, Group E, F, and G; and Class III
- LSEX
  - Made in the USA
  - Meets NFPA requirements
  - Current draw only 500mA
  - Rugged explosion-proof circuitry housing
  - 24Vdc polarized operation
  - Ceiling or wall mounting options
  - UL listed
  - Suitable for use in Class I, Division 1 and 2, Groups C&D; Class II, (Division?), Groups E,F and G applications
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Classes

The class defines the general nature of hazardous material in the surrounding atmosphere.

<table>
<thead>
<tr>
<th>Class</th>
<th>Hazardous Material in Surrounding Atmosphere</th>
</tr>
</thead>
<tbody>
<tr>
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</tbody>
</table>

Divisions

The division defines the probability of hazardous material being present in an ignitable concentration in the surrounding atmosphere.

<table>
<thead>
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<th>Presence of Hazardous Material</th>
</tr>
</thead>
<tbody>
<tr>
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Visit www.CPGSignals.com for addressable fire alarm, conventional fire alarm, and releasing products.