



Crystal Clear Communications for
Hazardous and Adverse Locations

Making Hazardous Safer



Working in Hazardous and Adverse locations is not a challenge to be taken lightly. That's why Edwards has developed, field-tested and proven a full line of Hazardous Location signals to make your operations safer and more secure.

As the largest single-source provider of audible and visual signaling devices in the electrical marketplace, only Edwards can deliver the best and most comprehensive line of warning lights

and strobes, bells, horns, buzzers, sirens, multiple-tone signals, air horns, and chimes.

We've been helping companies communicate and be safer since 1872 – that's even before Edison invented the electric light. In our early years, we produced, sold, and installed burglar alarm systems that were 19th century state-of-the-art. That same Edwards' quality, dependability, and innovation continues to set the standard in the 21st century.

Three Sides of Hazardous

In addition to our usual quality, reliability, and low maintenance, Edwards Hazardous Location design engineers have three primary objectives. First, we engineer, test, and manufacture signals to meet or exceed code, government, UL, and other standards. So you always know an Edwards signal will perform as expected.



Our second objective is just as important. We engineer Edwards Hazardous Location Signals to communicate. You can hear them, see them, experience them better under any conditions. Because what good is a code-compliant signal if it doesn't capture the attention of everyone on location, every time?

Thirdly, we design in flexibility. We want you to have the communications, power, and mounting options you need to create the ideal signaling solution for every application.

That's why Edwards signals don't simply work in Hazardous Locations, they simply work better.

Find the Signals You Need

Beacons, horns, chimes, bells – there is an Edwards solution for just about any Hazardous Location challenge. Use this handy index to find your way to the solutions you need.



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Visual Signals – Looking Good

Edwards Hazardous Location Visual Signals have a certain look about them – the look of high visibility performance. There's a solution with the light output, power specifications, hazardous rating and communications flexibility for just about any installation.

Whether it's engineering quality, easy installation, low maintenance or high visual output, with Edwards Visual Signals, you'll always see the difference.

For Visual Signals Ordering Info See Pages	69-75
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AdaptaBeacon® Explosionproof Rotating Lights

Class I, Div. 1&2, Diode Polarized, Marine Rated 116DEXMRINH*-GW Series

(* Letter in the location indicates globe color:
A-amber, B-blue,
G-green, R-red,
M-magenta)



Approvals: UL 1638 and 1203 Listed, cUL Listed Type 3R, Type 4X, Marine UL Cat. UXUB and 1598A Listed

Tech Info:

Electrical Rating: 24-28V DC, 0.8 Amps

Peak Candlepower: 2838

Rotations per minute: 75

Mounts on: pendant, wall, ceiling, and stanchion
(Mounting brackets purchased separately)

Explosionproof AdaptaBeacon rotating lights are engineered for Class I, Div. 1 and Div. 2 locations. Diode polarized for supervised circuits, these factory sealed signals deliver high visual output with low maintenance. The long-life 20W halogen bulb is protected by a high impact glass dome and dome guard. Quick-connect technology makes mounting easy and fast. Silicone gaskets seal out dirt and moisture and an epoxy powder coating resists corrosion. (Pendant mount shown.)

Hazardous Location Listings

Operating Temperature

Ambient Temp	Supply Wire Temp Marking	Class I, Div. 2 Groups A, B	Class I, Div. 1 & 2 Groups C, D	Class II & III, Div. 1 Groups E, F, G	Class II & III, Div. 2 Group G
40°C	75°C	T3 (200°C)	T6 (85°C)	T4A (120°C)	T4A (120°C)
55°C	90°C	T3 (200°C)	T6 (85°C)	T4 (135°C)	T4 (135°C)
65°C	105°C	T2D (215°C)	T6 (85°C)	T4 (135°C)	T4 (135°C)

AdaptaBeacon® Explosionproof Rotating Lights

Class I, Div. 1&2 Marine Rated 116EXMRINH*-N5 Series

(* Letter in the location indicates globe color:
A-amber, B-blue,
G-green, R-red,
M-magenta)



Approvals: UL 1638 and 1203 Listed, cUL Listed Type 3R, Type 4X, Marine UL Cat. UXUB and 1598A Listed

Tech Info:

Electrical Rating: 120V 50/60 Hz, 0.42 Amps

Peak Candlepower: 3,328

Rotations per minute: 75

Mounts on: pendant, wall, ceiling, and stanchion
(Mounting brackets purchased separately)

With its 40W halogen bulb, AdaptaBeacon marine rated explosionproof rotating lights are versatile performers in Class I, Div. 1 and Div. 2 locations. The factory sealed signals offer high visual output with low maintenance. The lamps are protected by a high impact glass dome and dome guard. Silicone gaskets seal out dirt and moisture and an epoxy powder coating resists corrosion. Quick-connect technology makes mounting easy and fast. (Stanchion mount shown.)

Hazardous Location Listings

Operating Temperature

Ambient Temp	Supply Wire Temp Marking	Class I, Div. 2 Groups A, B	Class I, Div. 1 & 2 Groups C, D	Class II & III, Div. 1 Groups E, F, G	Class II & III, Div. 2 Group G
40°C	75°C	T1 (450°C)	T6 (85°C)	T4A (120°C)	T4A (120°C)
55°C	90°C	T1 (450°C)	T5 (100°C)	T4 (135°C)	T4 (135°C)
65°C	105°C	T1 (450°C)	T5 (100°C)	T4 (135°C)	T4 (135°C)

AdaptaBeacon® UL 1971 Fire Alarm Explosionproof Strobe

Class I, Div. 1&2, Diode Polarized 116DEXSTC-FJ Series



Approvals: UL 1971 Listed for indoor visual signaling for the hearing impaired in non-sleeping areas, UL 1638 Listed, Type 3R, Type 4X

Tech Info:

Electrical Rating: 24V DC, 0.774 – 1.14 Amps

UL 1971 Light Output Rating: 60 cd

Flashes per minute: 65

Mounts on: pendant, wall, and ceiling (Pendant bracket purchased separately)

AdaptaBeacon Explosionproof strobes deliver UL 1971 performance in Class I, Div. 1 and Div. 2 locations. Factory sealed, these diode polarized signals deliver high output with low maintenance for fire alarms and other supervised circuits. The strobe tube is protected by a high impact glass dome and guard. Silicone gaskets seal out dirt and moisture and an epoxy powder coating resists corrosion. Quick-connect technology makes mounting easy and fast. (Pendant mount only.)

Hazardous Location Listings

Ambient Temp	Supply Wire Temp Marking	Operating Temperature			
		Class I, Div. 2 Groups A, B	Class I, Div. 1 & 2 Groups C, D	Class II & III, Div. 1 Groups E, F, G	Class II & III, Div. 2 Group G
40°C	75°C	T2D (215°C)	T6 (85°C)	T4A (120°C)	T4A (120°C)
55°C	90°C	T2C (230°C)	T6 (85°C)	T4 (135°C)	T4 (135°C)

AdaptaBeacon® Marine Rated Explosionproof Strobe

Class I, Div. 1&2, Diode Polarized 116DEXMST*-FJ Series

(* Letter in the location indicates globe color:
A-amber, B-blue, G-green, R-red, M-magenta)



Approvals: UL 1638 and 1203 Listed, cUL Listed Type 3R, Type 4X, Marine UL Cat. UXUB and 1598A Listed

Tech Info:

Electrical Rating: 16-33V DC, 0.774Amps

Peak Candlepower: 800,000

Flashes per minute: 65

Mounts on: pendant, wall, ceiling, and stanchion (Mounting attachments purchased separately)

AdaptaBeacon marine rated Explosionproof strobes deliver versatile performance in Class I, Div. 1 and Div. 2 locations. Factory sealed, these diode polarized signals deliver high visual output with low maintenance for applications requiring electrical supervision. The strobe tube is protected by a high impact glass dome and dome guard. Silicone gaskets seal out dirt and moisture and an epoxy powder coating resists corrosion. Quick-connect technology makes mounting easy and fast. (Wall mount shown.)

Hazardous Location Listings

Ambient Temp	Supply Wire Temp Marking	Operating Temperature			
		Class I, Div. 2 Groups A, B	Class I, Div. 1 & 2 Groups C, D	Class II & III, Div. 1 Groups E, F, G	Class II & III, Div. 2 Group G
40°C	75°C	T2D (215°C)	T6 (85°C)	T4A (120°C)	T4A (120°C)
55°C	90°C	T2C (230°C)	T6 (85°C)	T4 (135°C)	T4 (135°C)

AdaptaBeacon® Explosionproof Steady-On Lights

Class I, Div. 1&2, Diode Polarized, Marine Rated 116DEXMSINH*-GW Series

(* Letter in the location indicates globe color:
A-amber, B-blue,
G-green, R-red,
M-magenta)



Approvals: UL 1638 and 1203 Listed, cUL Listed Type 3R, Type 4X, Marine UL Cat. UXUB and 1598A Listed

Tech Info:

Electrical Rating: 24-28V DC, 0.8 Amps

Peak Candlepower: 2838

Mounts on: pendant, wall, ceiling, and stanchion
(Mounting brackets purchased separately)

Explosionproof AdaptaBeacon steady-on lights perform in Class I, Div. 1 and Div. 2 locations. Factory sealed, these diode polarized signals deliver high visual output with low maintenance in supervised circuits. The long-life 20W halogen bulb is protected by a high impact glass dome and dome guard. Silicone gaskets seal out dirt and moisture and an epoxy powder coating resists corrosion. Quick-connect technology makes mounting easy and fast. (Pendant mount shown.)

Hazardous Location Listings

Ambient Temp	Supply Wire Temp Marking	Operating Temperature			
		Class I, Div. 2 Groups A, B	Class I, Div. 1 & 2 Groups C, D	Class II & III, Div. 1 Groups E, F, G	Class II & III, Div. 2 Group G
40°C	75°C	T3 (200°C)	T6 (85°C)	T4A (120°C)	T4A (120°C)
55°C	90°C	T3 (200°C)	T6 (85°C)	T4 (135°C)	T4 (135°C)
65°C	105°C	T2D (215°C)	T6 (85°C)	T4 (135°C)	T4 (135°C)

AdaptaBeacon® Explosionproof Steady-On Lights

Class I, Div. 1&2 116EXMSIN*-N5 Series

(* Letter in the location indicates globe color:
A-amber, B-blue,
G-green, R-red,
M-magenta)



Approvals: UL 1638 and 1203 Listed, cUL Listed Type 3R, Type 4X, Marine UL Cat. UXUB and 1598A Listed

Tech Info:

Electrical Rating: 120V 50/60 Hz, 0.1Amps

Peak Candlepower: 3,328

Mounts on: pendant, wall, ceiling, and stanchion
(Mounting brackets purchased separately)

AdaptaBeacon marine rated Explosionproof rotating lights are versatile performers in Class I, Div. 1 and Div. 2 locations. 40W halogen bulb. The factory sealed signals offer high visual output with low maintenance. The lamps are protected by a high impact glass dome and dome guard. Silicone gaskets seal out dirt and moisture and an epoxy powder coating resists corrosion. Quick-connect technology makes mounting easy and fast. (Ceiling mount shown.)

Hazardous Location Listings

Ambient Temp	Supply Wire Temp Marking	Operating Temperature			
		Class I, Div. 2 Groups A, B	Class I, Div. 1 & 2 Groups C, D	Class II & III, Div. 1 Groups E, F, G	Class II & III, Div. 2 Group G
40°C	75°C	T1 (450°C)	T6 (85°C)	T4A (120°C)	T4A (120°C)
55°C	90°C	T1 (450°C)	T5 (100°C)	T4 (135°C)	T4 (135°C)
65°C	105°C	T1 (450°C)	T5 (100°C)	T4 (135°C)	T4 (135°C)

AdaptaBeacon® Explosionproof Strobes

Class I, Div. 1&2 116EXST*-EK Series

(* Letter in the location indicates globe color:
A-amber, B-blue,
G-green, R-red,
M-magenta)



Approvals: UL 1638 and 1203 Listed, cUL Listed Type 3R, Type 4X

Tech Info:

Electrical Rating: 12-48V DC, 0.38-1.2 Amps

Peak Candlepower: 800,000

Flashes per Minute: 65

Mounts on: pendant, wall, ceiling, and stanchion
(Mounting brackets purchased separately)

AdaptaBeacon explosionproof strobes make Class I, Div. 1 and Div. 2 location signaling easy and effective. The factory sealed signals offer high visual output with low maintenance. The strobe is protected by a high impact glass dome and dome guard. Silicone gaskets seal out dirt and moisture and an epoxy powder coating resists corrosion. Quick-connect technology makes mounting easy and fast. (Wall mount shown.)

Hazardous Location Listings

Ambient Temp	Supply Wire Temp Marking	Operating Temperature			
		Class I, Div. 2 Groups A, B	Class I, Div. 1 & 2 Groups C, D	Class II & III, Div. 1 Groups E, F, G	Class II & III, Div. 2 Group G
40°C	75°C	T3 (200°C)	T6 (85°C)	T4A (120°C)	T4A (120°C)
55°C	90°C	T3 (200°C)	T6 (85°C)	T4 (135°C)	T4 (135°C)
65°C	105°C	T2D (215°C)	T6 (85°C)	T4 (135°C)	T4 (135°C)

AdaptaBeacon® Marine Rated Explosionproof Strobes

Class I, Div. 1&2 116EXMST*-N5 Series

(* Letter in the location indicates globe color:
A-amber, B-blue,
G-green, R-red,
M-magenta)



Approvals: UL 1638 and 1203 Listed, cUL Listed Type 3R, Type 4X, Marine UL Cat. UXUB and 1598A Listed

Tech Info:

Electrical Rating: 120V 50/60 Hz, 0.1 Amps

Peak Candlepower: 800,000

Flashes per Minute: 65

Mounts on: pendant, wall, ceiling, and stanchion
(Mounting brackets purchased separately)

AdaptaBeacon explosionproof strobes make Class I, Div. 1 and Div. 2 location signaling easy and effective. These marine rated, factory sealed signals offer high visual output with low maintenance. The strobe is protected by a high impact glass dome and dome guard. Silicone gaskets seal out dirt and moisture and an epoxy powder coating resists corrosion. Quick-connect technology makes mounting easy and fast. (Wall mount shown.)

Hazardous Location Listings

Ambient Temp	Supply Wire Temp Marking	Operating Temperature			
		Class I, Div. 2 Groups A, B	Class I, Div. 1 & 2 Groups C, D	Class II & III, Div. 1 Groups E, F, G	Class II & III, Div. 2 Group G
40°C	75°C	T4 (135°C)	T6 (85°C)	T4A (120°C)	T4A (120°C)
55°C	90°C	T3C (160°C)	T6 (85°C)	T4 (135°C)	T4 (135°C)
65°C	105°C	T3C (160°C)	T6 (85°C)	T4 (135°C)	T4 (135°C)

Genesis® UL 1971 Fire Alarm Explosionproof Strobe

Class I, Div. 1&2 EGEX-VM Series



Approvals: UL 1971 Listed for indoor visual signaling for the hearing impaired in non-sleeping areas, Type 3R, Type 4X

Tech Info:

Electrical Rating: 16–33V DC, .325 Amps
Multi-Candela Output: 15/30/75/95/177 cd
Flashes per Minute: 65
Mounts on: pendant, wall, and ceiling
(Pendant bracket purchased separately)

Genesis explosionproof strobes provide highly controllable visual signaling in Class I, Div. 1 and Div. 2 locations. Diode polarized for use in electronically supervised circuits, Genesis strobes can also be synchronized to within 10 milliseconds of each other with just one optional synchronization module per circuit. These factory sealed signals offer high visual output with low maintenance. The strobe is protected by a high impact glass dome and dome guard. Silicone gaskets seal out dirt and moisture and an epoxy powder coating resists corrosion. Quick-connect technology makes mounting easy and fast. (Pendant mount only.)

Hazardous Location Listings

Class	Division	Group	Ambient Temp	Operating Temperature Code
I	1	C,D	104°F (40°C)	T6 (85°C, 185°F)
			131°F (55°C)	T6 (85°C, 185°F)
			149°F (65°C)	T6 (85°C, 185°F)
I	2	A,B,C,D	104°F (40°C)	T2B (260°C, 500°F)
			131°F (55°C)	T2A (280°C, 536°F)
			149°F (65°C)	T2A (280°C, 536°F)
II	1	E,F,G	104°F (40°C)	T4A (120°C, 248°F)
			131°F (55°C)	T4 (135°C, 275°F)
			149°F (65°C)	T4 (135°C, 275°F)
III	1 & 2		104°F (40°C)	T4A (120°C, 248°F)
			131°F (55°C)	T4 (135°C, 275°F)
			149°F (65°C)	T4 (135°C, 275°F)

AdaptaBeacon® Division 2 Rotating Light

Class I, Div. 2 58 Series



Approvals: UL 1638 and 1604 Listed, Type 4X, cUL Listed

Tech Info:

Revolutions per minute: 75

Electrical Rating: 120V 50/60 Hz, 1.0 Amps

Peak Candlepower: 1,620

Mounts on: 3/4" conduit and optional wall and corner mounts

The 58 Series AdaptaBeacon delivers high profile performance in Div. 2 indoor, outdoor, and wet locations. The weatherproof design features a shatter-resistant, clear polycarbonate dome that allows for easy cleaning. The 100W halogen lamp shines brightly through six dome color choices: red, amber, blue, green, magenta, and clear.

Hazardous Location Listings

Class	Division	Group	Operating Temperature Code
I	2	A,B,C,D	T1 (450°C, 842°F)
II	2	F,G	T6 (85°C, 185°F)
III	1		T6 (85°C, 185°F)

AdaptaBeacon® Division 2 Heavy Duty Strobe

Class I, Div. 2, Diode Polarized 94DDV2 Series



Approvals: UL 1638 and 1604 Listed, Type 4X, cUL Listed

Tech Info:

Flash Rate: 65 fpm

Electrical Rating: 24V DC, 1.2 Amps

Peak Candlepower: 800,000 cd

Mounts on: 3/4" conduit and optional wall and corner mounts

The diode polarized 94DDV2 AdaptaBeacon delivers high profile performance in Div. 2 indoor, outdoor, and wet locations. Its unique layered fresnel design improves visibility and perception for a greater distance. The heavy-duty design is immune to shock and vibration, and features a shatter-resistant, clear polycarbonate dome. For greater flexibility, the cast base may be used as a junction box. Integral series trigger and timing circuits keep maintenance costs low.

Hazardous Location Listings

Class	Division	Group	Operating Temperature Code
I	2	A,B,C,D	T3 (200°C, 392°F)
II	2	F,G	T6 (85°C, 185°F)
III			T6 (85°C, 185°F)

AdaptaBeacon® Division 2 Heavy Duty Strobe

Class I, Div. 2, Weatherproof 94DV2 Series



Approvals: UL 1638 and 1604 Listed, Type 4X, cUL Listed

Tech Info:

Flash Rate: 65 fpm

Electrical Rating: 120V 50/60 Hz, 0.1 Amps

Peak Candlepower: 800,000 cd

Mounts on: 3/4" conduit and optional wall and corner mounts

The 94DV2 AdaptaBeacon is a weatherproof signal, delivering high profile performance in Div. 2 indoor, outdoor, and wet locations. Its unique layered fresnel design improves visibility and perception for a greater distance. The heavy-duty design is immune to shock and vibration, and features a shatter-resistant, clear polycarbonate dome. For greater flexibility, the cast base may be used as a junction box. Integral series trigger and timing circuits keep maintenance costs low.

Hazardous Location Listings

Class	Division	Group	Operating Temperature Code
I	2	A,B,C,D	T3 (200°C, 392°F)
II	2	F,G	T6 (85°C, 185°F)
III			T6 (85°C, 185°F)

AdaptaBeacon® Division 2 Heavy Duty Strobe

Class I, Div. 2, Diode Polarized 96DV2 Series



Approvals: UL 1638 and 1604 Listed, Type 4X, cUL Listed

Tech Info:

Flash Rate: 65 fpm

Electrical Rating: 120V 50/60 Hz, 0.3 Amps

Peak Candlepower: 300,000 cd

Mounts on: Direct to surface or on 1/2" conduit

The weatherproof, low-profile, light-duty 96DV2 Series AdaptaBeacon is the perfect solution for short-term, intermittent signaling. A series of complementing fresnels fill the dome with light for improved visibility and perception over a greater distance – ideal for high ambient light applications where rotating or flashing lights may be difficult to distinguish. Integral series trigger and timing circuits keep maintenance costs low.

Hazardous Location Listings

Class	Division	Group	Operating Temperature Code
I	2	A,B,C,D	T3 (200°C, 392°F)
II	2	F,G	T6 (85°C, 185°F)
III			T6 (85°C, 185°F)

AdaptaBeacon® Division 2 Fluorescent Lights

Class I, Div. 2 112DV2(*)FL-N5 Series

* Insert B for bracket, C for ceiling, or P for pendant mount.



Approvals: UL 1570 and 844 Listed, Type 3R, CSA C22.2 No. 137 Certified

Tech Info:

Electrical Rating: 120V 60 Hz

Peak Candlepower: 800,000

Mounts on: bracket, ceiling or pendant

AdaptaBeacon 112 Series fluorescent fixtures use two twin-tube compact fluorescent lamps to provide outstanding light output with exceptional energy savings. Internally fluted glass globes evenly distribute light. The high impact glass dome and optional dome guard deliver clarity and safety. Models are available for bracket, ceiling or pendant mounting.

Hazardous Location Listings

Class	Division	Group	Ambient Temp	Operating Temperature Code
I	2	A,B,C,D	40°C, 104°F	T3B (75°C, 167°F)

AdaptaBeacon® Division 2 Marine Rated Strobe

Class I, Div. 2 107DV2(*)-ST Series

* Insert B for bracket, C for ceiling, or P for pendant mount.



Approvals: UL 1638 and 1604 Listed, Type 3R, Type 4X, cUL Listed, Marine UL 595 UXUB Listed, Marine UL 1598A Listed

Tech Info:

Flash Rate: 65 fpm

Electrical Rating: 120V 60 Hz, 0.1 Amps or 240V 60 Hz 0.05 Amps or 12–48V DC, 1.2 Amps or 250V DC, 0.1 Amps

Peak Candlepower: 800,000

Mounts on: bracket, ceiling or pendant

These marine-rated, AdaptaBeacon strobes are designed for high visual output and low maintenance in Division 2 applications. The high impact glass dome and optional dome guard deliver clarity and safety. Models are available for bracket, ceiling or pendant mounting. May be mounted in any orientation.

Hazardous Location Listings

Class	Division	Group	Ambient Temp	Operating Temperature Code
I	1	A,B,C,D	104°F (40°C)	T2 (300°C, 572°F)
			131°F (55°C)	T1 (450°C, 842°F)
			149°F (65°C)	T1 (450°C, 842°F)
II*	1 and 2*		104°F (40°C)	T4A (120°C, 240°F)
III*	1 and 2*		131°F (55°C)	T4 (135°C, 275°F)
			149°F (65°C)	T3C (160°C, 320°F)

* Pendant mount models only. Pendant mount models are also listed for use in Class II, Division 1, Groups E, F, and G, Class II, Division 2, Groups F and G and Class III, Division 1 and 2 hazardous locations.

AdaptaBeacon® Division 2 Diode Polarized Strobe

Class I, Div. 2, Diode Polarized 107DDV2(*)ST-G1 Series

* Insert B for bracket, C for ceiling, or P for pendant mount.



Approvals: UL 1638 and 1604 Listed, Type 3R, Type 4X, cUL Listed

Tech Info:

Flash Rate: 65 fpm

Electrical Rating: 24V DC, 1.4 Amps

Peak Candlepower: 800,000 cd

Mounts on: bracket, ceiling or pendant

These diode polarized 107 Series AdaptaBeacon strobes are designed for high visual output and low maintenance in Division 2 electrically supervised applications. The high impact glass dome and optional dome guard deliver clarity and safety. Models are available for bracket, ceiling or pendant mounting.

Hazardous Location Listings

Class	Division	Group	Ambient Temp	Operating Temperature Code
I	1	A,B,C,D	104°F (40°C)	T2 (300°C, 572°F)
			131°F (55°C)	T1 (450°C, 842°F)
			149°F (65°C)	T1 (450°C, 842°F)
II*	1 and 2*		104°F (40°C)	T4A (120°C, 240°F)
III*	1 and 2*		131°F (55°C)	T4 (135°C, 275°F)
			149°F (65°C)	T3C (160°C, 320°F)

* Pendant mount models only. Pendant mount models are also listed for use in Class II, Division 1, Groups E, F, and G, Class II, Division 2, Groups F and G, and Class III, Division 1 and 2 hazardous locations.

AdaptaBeacon® Division 2 Marine Rated Rotating Lights

Class I, Div. 2 107DV2(*)-RINH Series

* Insert B for bracket, C for ceiling or P for pendant mount.



Approvals: UL 1638 and 1604 Listed, Type 3R, Type 4X, cUL Listed, Marine UL 595 UXUB Listed, Marine UL 1598A Listed

Tech Info:

Rotations per Minute: 75

Electrical Rating: 120V 50/60 Hz, 0.35 Amps or 240V 50/60 Hz, 0.1 Amps

Peak Candlepower: 3328 @120V, 2914 @240V

Mounts on: bracket, ceiling or pendant

The marine-rated 107 Series AdaptaBeacon rotating lights deliver high visual output and low maintenance in a solid Division 2 package. The high impact glass dome and optional dome guard deliver clarity and safety. Models are available for bracket, ceiling or pendant mounting.

Hazardous Location Listings

Class	Division	Group	Ambient Temp	Operating Temperature Code
I	1	A,B,C,D	104°F (40°C)	T2 (300°C, 572°F)
			131°F (55°C)	T1 (450°C, 842°F)
			149°F (65°C)	T1 (450°C, 842°F)
II*	1 and 2*		104°F (40°C)	T4A (120°C, 240°F)
III*	1 and 2*		131°F (55°C)	T4 (135°C, 275°F)
			149°F (65°C)	T3C (160°C, 320°F)

* Pendant mount models only. Pendant mount models are also listed for use in Class II, Division 1, Groups E, F, and G, Class II, Division 2, Groups F and G and Class III, Division 1 and 2 hazardous locations.

AdaptaBeacon® Division 2 Adverse Location Signals

Div. 2, Marine Rated 105 Series



Approvals: UL 1638 and 1604 Listed, Type 4X, cUL Listed, Marine UL 595 Listed – Category UXUB, Marine UL 1598A Listed, UL 1971 Listed

Mounts on: surface (with 105 BX attachment), wall (with 105 BM attachment), and 3/4" conduit (with 105 BM attachment)

The heavy duty 105 Series are corrosion-resistant beacons for industrial applications. They feature glass-reinforced thermoplastic polyester resin bases, brass hardware and polycarbonate double fresnel lenses. The 105HISTC-FJ high intensity strobe is compatible with supervised fire alarm systems. Available in Steady-On LED and incandescent, flashing LED and incandescent, and strobe.

Specifications

Cat. No.	Module Type	Lamp Ratings	Peak Candlepower	Voltage	Current	Replacement Lamp
105LED*-G1	Steady-On LED	120,000 hours ^{1,2}	Color Dependent	24V DC	0.062A	—
105LED*-N5	Steady-On LED	120,000 hours ^{1,2}	Color Dependent	120V AC	0.022A	—
105FLED*-G1	Flashing LED	100,000 hours ^{1,2}	Color Dependent	24V DC	0.062A	—
105FLED*-N5	Flashing LED	100,000 hours ^{1,2}	Color Dependent	120V AC	0.022A	—
105SINH**-G1	Steady-On Halogen	20W, 20,000 hours ^{1,2}	2839	24V DC	0.8A	50LMP-20WH or Ind. Trade
105SINH**-G5	Steady-On Halogen	20W, 20,000 hours ^{1,2}	2839	24V AC	0.8A	No. 1692 (Incandescent)
105SINH**-N5	Steady-On Halogen	25W, 20,000 hours ^{1,2}	2198	120V AC	0.2A	50LMP-25WH or Ind. Trade No. 25T8DC (Incandescent)
105FINH**-G1	Flashing Halogen	20W, 20,000 hours ^{1,2}	2839	24V DC	0.8A	50LMP-20WH or Ind. Trade
105FINH**-G5	Flashing Halogen	20W, 20,000 hours ^{1,2}	2839	24V AC	0.8A	No. 1692 (Incandescent)
105FINH**-N5	Flashing Halogen	25W, 20,000 hours ^{1,2}	2198	120V AC	0.2A	50LMP-25WH or Ind. Trade No. 25T8DC (Incandescent)
105ST**-G1	3 Joule Strobe	3,000 hours ³	300,000	24V DC	0.3A	91B-ST
105ST**-N5	3 Joule Strobe	3,000 hours ³	300,000	120V AC	0.1A	
105ST**-R5	3 Joule Strobe	3,000 hours ³	300,000	240V AC	0.02A	
105DHISTC-FJ	Fire Alarm (UL 1971) 8 Joule Strobe	3,000 hours ³	26 cd wall (dome out) 24 cd wall (dome down) 26 cd ceiling	20-30V DC	1.08-0.83 A	92-ST
105DHIST***-FJ	High Intensity 8 Joule Strobe	3,000 hours ³	800,000	20-30V DC	1.08-0.83 A	92-ST
105HIST**-N5	High Intensity 8 Joule Strobe	3,000 hours ³	800,000	120V AC	0.1A	92-ST
105HIST**-R5	High Intensity 8 Joule Strobe	3,000 hours ³	800,000	240V AC	0.05A	92-ST
105HIST**-EK	High Intensity 8 Joule Strobe	3,000 hours ³	800,000	12-48V DC	0.05A	92-ST

* Lens and light source (LED) color: A - amber, B - blue, G - green, R - red.

** Lens color: A - amber, B - blue, C - clear, G - green, M - magenta, R - red.

*** Lens color: A - amber, B - blue, G - green, M - magenta, R - red

1 At nominal operating voltage.

2 Projected lamp life based on manufacturer's calculated lamp life @ 65 fpm and 50% duty cycle.

3 Strobe tube life @ operating power to 75% efficiency.

AdaptaBeacon® Type 4X Flashing Incandescent Lights

Type 4X 48FIN Series



Approvals: UL 1638 Listed, Type 4X, cUL Listed

Tech Info:

Flash Rate: 65 fpm

Electrical Rating: 120V 50/60 Hz, 0.2 Amps or 24V 50/60 Hz 0.08 Amps or 12V DC, 1.0 Amps or 24V DC, 0.8 Amps

Peak Candlepower: 2839 @24V AC/DC

Mounts on: 1/2" conduit or surface mount

The 48 Series AdaptaBeacon flashing lights feature Edwards' unique double fresnel lens to maximize brilliance. The weatherproof, PLC compatible fixtures can improve communications indoors or out. The gasketed Type 4X enclosure combines a snap-on high impact polycarbonate/ABS base and a shatter-resistant polycarbonate lens.

Signal Input Load Characteristics*

Cat. No.	Operating Voltage	Max. off state leak current (mA)	Continuous Current (mA)	Surge (inrush/duration) Amps/Milliseconds
48FIN-G1-20WH	24V DC	25	800	2.2/100
48FIN-N5-25WH	120V DC 60 Hz	25	200	1.3/8

* This device is PLC compatible and may be operated by PLCs with output characteristics that match the input load requirements of this signal.

AdaptaBeacon® Type 4X LED Flashing Lights

Type 4X 48FLED Series



Approvals: UL 1638 and 1604 Listed, Type 4X, cUL Listed

Tech Info:

Flash Rate: 65 fpm

Electrical Rating: 120V 50/60 Hz, 0.025 Amps or 24V DC, 0.065 Amps

Max Lumens: 102

Mounts on: 1/2" conduit or surface mount

AdaptaBeacon 48 Series LED flashing lights feature Edwards' unique double fresnel lens to maximize brilliance. The Type 4X, weatherproof, PLC compatible fixtures can improve communications indoors or out. The gasketed enclosure combines a snap-on high impact polycarbonate/ABS base and a shatter-resistant polycarbonate lens, and is immune to shock and vibration.

Signal Input Load Characteristics*

Cat. No.	Operating Voltage	Max. off state leak current (mA)	Continuous Current (mA)	Surge (inrush/duration) Amps/Milliseconds
48FLED-G1	24V DC	4	65	.07/1
48FLED-N5	120V DC 60 Hz	5	25	.09/8

* This device is PLC compatible and may be operated by PLCs with output characteristics that match the input load requirements of this signal.

AdaptaBeacon® Type 4X Steady-On Incandescent Lights

Type 4X 48SIN Series



Approvals: UL 1638 Listed, Type 4X, cUL Listed

Tech Info:

Electrical Rating: 120V 50/60 Hz, 0.2 Amps or 24V 50/60 Hz 0.8 Amps or 12V DC, 1.0 Amps or 24V DC, 0.8 Amps
Peak Candlepower: 2839 @24V AC/DC

Mounts on: 1/2" conduit or surface mount

The 48 Series AdaptaBeacon steady-on lights maximize brilliance and visibility with Edwards' unique double fresnel lens. Its weatherproof, PLC compatible performance delivers solid communications indoors or out. The gasketed Type 4X enclosure combines a snap-on high impact polycarbonate/ABS base and a shatter-resistant polycarbonate lens.

Signal Input Load Characteristics*

Cat. No.	Operating Voltage	Max. off state leak current (mA)	Continuous Current (mA)	Surge (inrush/duration) Amps/Milliseconds
48SIN-G1-20WH	24V DC	25	800	0.9/100
48SIN-N5-25WH	120V DC 60 Hz	25	200	0.8/8

* This device is PLC compatible and may be operated by PLCs with output characteristics that match the input load requirements of this signal.

AdaptaBeacon® Type 4X Steady-On LED Lights

Type 4X 48SLED Series



Approvals: UL 1638 Listed, Type 4X, cUL Listed

Tech Info:

Electrical Rating: 120V 50/60 Hz, 0.025 Amps or 24V DC, 0.065 Amps

Max Lumens: 102

Mounts on: 1/2" conduit or surface mount

The 48 Series Steady-on AdaptaBeacon LED lights achieve maximum brilliance thanks to Edwards' unique double fresnel lens design. The weatherproof, PLC compatible fixtures are immune to shock and vibration in both indoor and outdoor applications. The gasketed Type 4X enclosure combines a snap-on high impact polycarbonate/ABS base and a shatter-resistant polycarbonate lens.

Signal Input Load Characteristics*

Cat. No.	Operating Voltage	Max. off state leak current (mA)	Continuous Current (mA)	Surge (inrush/duration) Amps/Milliseconds
48SLED-G1	24V DC	4	65	.07/1
48SLED-N5	120V DC 60 Hz	5	25	.09/8

* This device is PLC compatible and may be operated by PLCs with output characteristics that match the input load requirements of this signal.

AdaptaBeacon® Type 4X Heavy Duty Strobe Light

Type 4X 57EDF Series



Approvals: UL 1638 Listed, Type 4X, cUL Listed

Tech Info:

Flash Rate: 65 double fpm

Electrical Rating: 120V 50/60 Hz, 0.2 Amps or 240V

50/60 Hz, 0.1 Amps or 24V DC, 2.2 Amps

Peak Candlepower: 2.3 million

Mounts on: 3/4" conduit

The 57E Series AdaptaBeacon heavy duty double-flash strobes deliver bright, bold signaling. The shatter-resistant polycarbonate lens employs a reflective double optics system that creates a unique rectangular column of light. The weatherproof fixture is immune to shock and vibration.

AdaptaBeacon® Type 4X Light Duty Strobe

Type 4X 96B & 98B Series



Approvals: UL 1638 Listed, Type 4X, AC models are cUL Listed

Tech Info:

Flash Rate: 65 fpm

Electrical Rating: 120V 50/60 Hz, 0.1 Amps or 240V

50/60 Hz 0.02 Amps or 12V DC, 0.5 Amps or 24V DC,

0.3 Amps or 36V DC, 0.3 Amps

Peak Candlepower: 300,000

Mounts on: 1/2" conduit or surface mount

Low profile AdaptaBeacon's 96B Series and 98B Series light duty strobes deliver reliable, short-term intermittent signaling. A series of complementing fresnels increase the dome's perceived on-time for better viewer perception. The weatherproof fixture features a snap-on high impact plastic base and is immune to shock and vibration.

Chameleon™ Type 4X LED Multi-Status Indicator

Type 4X 103 & 103I Series



Approvals: UL 1638 Listed, Type 4X, cUL Listed

Tech Info:

Operating Functions: Steady-on or 1-, 2-, or 3-color flashing
Electrical Rating: 120V 50/60 Hz or 24V DC
Max Lumens: 307 Mounts on: 1/2" conduit or panel

It's three signals in one compact unit. The Chameleon 103I Series features an onboard processor that allows the unit to function as either a flashing or steady signal. Each fixture holds three powerful LED arrays of three different colors. Using a PLC or contact closure, you can choose to have a single color illuminated steady-on or flashing. Activating two lamps cycles the device between two colors. A third activation cycles between all three colors. The Chameleon 103 Series has all the functionality of the 103I, with the exception of the onboard processor – signal operation is then controlled through a PLC's ladder logic. Available in red, blue, and amber; and red, green and amber.

Signal Input Load Characteristics*

Cat. No.	Operating Voltage	Max. off state leak current (mA)	Continuous Current (mA)	Surge (inrush/duration) Amps/Milliseconds
103-RBA-G1	24V DC	5	65	0.070/8
103-RGA-G1				
103-RBA-N5	120V DC	5	55	0.100/8
103-RGA-N5				
103I-RBA-G1	24V DC	5	55	0.070/8
103I-RGA-G1				
103I-RBA-N5	120V DC	5	45	0.100/8
103I-RGA-N5				

* This device is PLC compatible and may be operated by PLCs with output characteristics that match the input load requirements of this signal.

AdaptaBeacon® Type 4X Flashing LED & Halogen Lights

Type 4X 104FINH & 104FLED Series



Approvals: UL 1638 Listed, Type 4X, cUL Listed, CE Marked

Tech Info:

Flash Rate: 65 fpm
Electrical Rating: 24V DC, 0.77 Amps or 24V 50/60 Hz, 0.77 Amps or 120V 50/60 Hz, 0.25 Amps or 24V DC, 0.065 Amps (LED unit) or 120V 50/60 Hz, 0.025 Amps (LED unit)
Max Candlepower (incandescent): 653
Max Lumens (LED): 102
Mounts on: 1/2" conduit or panel mount

AdaptaBeacon 104FINH Series flashing halogen lights and 104FLED Series flashing LED lights deliver PLC compatible visual indication in indoor and outdoor applications. Special optics within a shatter resistant polycarbonate lens creates especially bright output atop a polycarbonate/ABS blend base.

Signal Input Load Characteristics*

Cat. No.	Operating Voltage	Max. off state leak current (mA)	Continuous Current (mA)	Surge (inrush/duration) Amps/Milliseconds
104FINH-G1	24V DC	25	320	1.2/100
104FINH-N5	120V DC	25	250	1.15/8
104FLED-G1	24V DC	4	65	.07/1
104FLED-N5	120V DC	5	25	.09/8

* This device is PLC compatible and may be operated by PLCs with output characteristics that match the input load requirements of this signal.

AdaptaBeacon® Type 4X Steady LED & Halogen Lights

Type 4X 104SINH & 104SLED Series



Approvals: UL 1638 Listed, Type 4X, cUL Listed, CE Marked

Tech Info:

Electrical Rating: 24V DC, 0.77 Amps or 24V 50/60 Hz, 0.77 Amps or 120V 50/60 Hz, 0.25 Amps or 24V DC, 0.065 Amps (LED unit) or 120V 50/60 Hz, 0.025 Amps (LED unit)
Max Candlepower (incandescent): 879
Max Lumens (LED): 102
Mounts on: 1/2" conduit or panel mount

AdaptaBeacon 104SINH Series steady-on halogen lights and 104SLED Series steady-on LED lights deliver PLC compatible visual indication in indoor and outdoor applications. Special optics within a shatter resistant polycarbonate lens creates especially bright output atop a polycarbonate/ABS blend base.

Signal Input Load Characteristics*

Cat. No.	Operating Voltage	Max. off state leak current (mA)	Continuous Current (mA)	Surge (inrush/duration) Amps/Milliseconds
104SINH-G1	24V DC	25	320	.36/1
104SINH-N5	120V DC	25	250	.5/8
104SLED-G1	24V DC	4	65	.07/1
104SLED-N5	120V DC	5	25	.09/8

* This device is PLC compatible and may be operated by PLCs with output characteristics that match the input load requirements of this signal.

AdaptaBeacon® Type 4X Strobes

Type 4X 104ST Series



Approvals: UL 1638 Listed, Type 4X, cUL Listed, CE Marked

Tech Info:

Flash Rate: 65 fpm
Electrical Rating: 120V 50/60 Hz, 0.12 Amps
Max Candlepower: 300,000
Mounts on: 1/2" conduit or panel mount

The AdaptaBeacon 104ST Series strobes are great solutions for light duty applications requiring intermittent signaling. Special optics within a shatter resistant polycarbonate lens create an especially bright output for indoor and outdoor uses. Situated atop a polycarbonate/ABS blend base, the fixture is immune to shock and vibration.

Signal Input Load Characteristics*

Cat. No.	Operating Voltage	Max. off state leak current (mA)	Continuous Current (mA)	Surge (inrush/duration) Amps/Milliseconds
104ST-N5	120V DC	25	120	2.1/1

* This device is PLC compatible and may be operated by PLCs with output characteristics that match the input load requirements of this signal.

Type 4X LED Star-Burst™ Multi-Status Indicator

Type 4X 109 Series



Approvals: UL 1638 Listed, Type 4X, cUL Listed

Tech Info:

Operating Functions: Steady-on, 65 flashes per minute or rapid burst flash

Electrical Rating: 24V DC, 0.42 Amps or

120V 50/60 Hz, 0.42 Amps

Max Lumens: 80

Mounts on: 1/2" conduit or panel mount

The Star-Burst 109 Series Multi-Status indicator gives you three distinct ways to call for immediate attention – steady-on, 65 flashes per minute or a rapid burst flash. It delivers unparalleled visual brilliance and PLC compatibility. All in a design that is immune to shock and vibration.

Signal Input Load Characteristics*

Light Source Cat. No.	Operating Voltage	Max. off state leak current (mA)	Continuous Current (mA)	Surge (inrush/duration) Amps/Milliseconds
109*-G1	24V DC	5	65	0.070/8
109*-N5	120V DC	5	55	0.100/8

* This device is PLC compatible and may be operated by PLCs with output characteristics that match the input load requirements of this signal.

Type 4X Compaxx® Series Strobes

Type 4X 114ST Series



Approvals: UL 1638 Listed, Type 4X, cUL Listed

Tech Info:

Flash Rate: 65 fpm

Electrical Rating: 12-48V DC, 0.350 Amps or 120V AC, 0.1 Amps or 240V AC, 0.05 Amps

Max Candlepower: 175,000

Mounts on: 1/2" conduit or panel mount

Compaxx 114 Series strobes are the compact solutions for OEM applications. They deliver bright, clear signals through a shatter resistant polycarbonate fresnel lens. They are also available in convenient quantity six-unit packages for indoor and outdoor signaling. 12-48V DC models are PLC compatible.

Signal Input Load Characteristics*

Cat. No.	Operating Voltage	Max. off state leak current (mA)	Continuous Current (mA)	Surge (inrush/duration) Amps/Milliseconds
114-EK Series	24V DC	7	350	.45/.02

* This device is PLC compatible and may be operated by PLCs with output characteristics that match the input load requirements of this signal.

Type 4X Compaxx® Series Steady-on Lights

Type 4X 114SIN Series



Approvals: UL 1638 Listed, Type 4X, cUL Listed

Tech Info:

Electrical Rating: 24V DC, 0.61 Amps or 120V AC, 0.150 Amps

Max Candlepower: 879 (120V version)

Mounts on: 1/2" conduit or panel mount

Compaxx 114 Series steady-on lights are ideal solutions for compact and OEM applications. They deliver bright, clear signals through a shatter resistant polycarbonate fresnel lens and PLC compatibility. They are also available in convenient quantity six-unit packages.

Signal Input Load Characteristics*

Light Source Cat. No.	Operating Voltage	Max. off state leak current (mA)	Continuous Current (mA)	Surge Current
114SIN-G1 Series	24V DC	25	25	7A Exponentially Decaying
114SIN-N5 Series	120V DC	25	25	0.8A Exponentially Decaying

* This device is PLC compatible and may be operated by PLCs with output characteristics that match the input load requirements of this signal.

Type 4X Compaxx® Series Flashing Lights

Type 4X 114FIN Series



Approvals: UL 1638 Listed, Type 4X, cUL Listed

Tech Info:

Flash Rate: 65 fpm

Electrical Rating: 24V DC, 0.610 Amps or 120V AC, 0.150 Amps

Max Candlepower: 879 (120V version)

Mounts on: 1/2" conduit or surfaces

Compaxx 114 Series flashing lights are ideal solutions for process-control and OEM applications. They deliver bright, clear signals through a shatter resistant polycarbonate fresnel lens and PLC compatibility. They are also available in convenient quantity six-unit packages.

Signal Input Load Characteristics*

Cat. No.	Operating Voltage	Max. off state leak current (mA)	Continuous Current (mA)	Surge (inrush/duration) Amps/Milliseconds
114FIN-G1 Series	24V DC	25	25	7A Exponentially Decaying
114FIN-N5 Series	120V AC	25	25	0.8A Exponentially Decaying

* This device is PLC compatible and may be operated by PLCs with output characteristics that match the input load requirements of this signal.

Type 4X Compaxx® Low Profile Strobe

Type 4X, Weatherproof 117 Series



Approvals: Type 4X, cUL Listed

Tech Info:

Flash Rate: 65 fpm

Electrical Rating: 10-110V DC, 0.47 Amps or 120V AC, 0.1 Amps or 240V AC, 0.05 Amps

Max Candlepower: 175,000

Mounts on: surface mounting

Compaxx 117 Series strobes deliver bright, clear signals through a shatter resistant polycarbonate fresnel lens. Rugged Type 4X enclosure makes them ideal for industrial washdown applications as well as for use on tow motors and other vehicles.

AdaptaBeacon® Type 3R Flashing Lights (AC)

Type 3R, Weatherproof 49 Series



Approvals: UL 1638 Listed, cUL Listed, Type 3R

Tech Info:

Revolutions per Minute: 75

Electrical Rating: 120V 50/60 Hz, 0.3 Amps or 240V 50/60 Hz, 0.1 Amps

Peak Candlepower: 3,328 (120V unit)

Mounts on: 1/2" conduit, 4 octagon box, or surface mount

The 49 Series AdaptaBeacon flashing lights are the weatherproof choice for bold signaling, thanks to Edwards' unique double fresnel lens that maximizes brilliance. Models feature either 25W or 40W halogen lamps and a cast base that may be used as a junction box.

AdaptaBeacon® Weatherproof Rotating Lights (AC)

Weatherproof 52 Series



Approvals: UL 1638 Listed, cUL Listed

Tech Info:

Revolutions per Minute: 75

Electrical Rating: 120V 50/60 Hz, 0.35 Amps or 24V

50/60 Hz, 0.08 Amps or 240V 50/60 Hz, 0.1 Amps

Peak Candlepower: 3,328 (120V unit)

Mounts on: 1/2" conduit, 4 octagon box, or surface mount

The AdaptaBeacon 52 Series Rotating Lights are the choice for maximum brilliance, exceptional durability, and low maintenance. The weatherproof fixtures utilize a light-intensifying reflector and clear polycarbonate dome to enhance brightness. They also feature bayonet lamp sockets for easy replacement and a cast base that can be used as a junction box.

AdaptaBeacon® Weatherproof Rotating Lights (DC)

Weatherproof 53 Series



Tech Info:

Revolutions per Minute: 75

Electrical Rating: 12V DC, 1.8 Amps or 24V DC, 1.0 Amps

Peak Candlepower: 5,049

Mounts on: 1/2" conduit, 4 octagon box, or surface mount

The 53 Series AdaptaBeacon Rotating Lights deliver maximum brilliance, exceptional durability, and low maintenance. The weatherproof fixtures utilize a light-intensifying reflector and clear polycarbonate dome to enhance brightness. They also feature bayonet lamp sockets for easy replacement and a cast base that can be used as a junction box.

AdaptaBeacon® Weatherproof Rotating Lights

Weatherproof, Diode Polarized 53D Series



Tech Info:

Revolutions per Minute: 75

Electrical Rating: 24 to 28V DC 1.0 Amps

Peak Candlepower: 5,049

Mounts on: 1/2" conduit, 4 octagon box, or surface mount

The diode polarized 53D Series AdaptaBeacon Rotating Lights deliver maximum brilliance, exceptional durability, and low maintenance in electrically supervised circuits. The weatherproof fixtures utilize a light-intensifying reflector and clear polycarbonate dome to enhance brightness. They also feature bayonet lamp sockets for easy replacement and a cast base that can be used as a junction box.

AdaptaBeacon® Type 3R Light Duty Strobe

Type 3R, Weatherproof 90 Series



Approvals: UL 1638 Listed, cUL Listed, Type 3R

Tech Info:

Flash Rate: 65 fpm

Electrical Rating: 120V 50/60 Hz, 0.1 Amps

Peak Candlepower: 1,400,000

Mounts on: 1/2" conduit, 4 octagon box, or surface mount

The 90 Series AdaptaBeacon strobes use Edwards' series of complementing fresnels to improve on-time and viewer perception. The protective polycarbonate dome cover cleans easily and the cast base can be used as a junction box. The fixtures are immune to shock and vibration.

AdaptaBeacon® Type 3R Light Duty Strobe

Type 3R, Weatherproof
92-R5 & 92-S1 Series



Approvals: UL 1638 Listed (92-R5), cUL Listed (92-R5), Type 3R

Tech Info:

Flash Rate: 65 fpm

Electrical Rating: 250V DC, 0.05 Amps or 240V 50/60 Hz, 0.05 Amps

Peak Candlepower: 800,000

Mounts on: 1/2" conduit, 4 octagon box, or surface mount

The 90 Series AdaptaBeacon strobe uses an optically designed fresnel lens and Xenon flash tubes to improve on-time and viewer perception. The protective polycarbonate cleans easily and the cast base can be used as a junction box. The fixtures are immune to shock and vibration.

AdaptaBeacon® Type 3R Heavy Duty Strobe

Type 3R, Weatherproof,
Single & Double Flash
93 & 93DF Series



Approvals: UL 1638 Listed, cUL Listed, Type 3R

Tech Info:

Flash Rate: single – 65 fpm, double – 50 dfpm

Electrical Rating: 120V 50/60 Hz, 0.1 Amps or 240V 50/60 Hz, 0.05 Amps

Peak Candlepower: 800,000 – single, 1,100,000 – double

Mounts on: 3/4" conduit or surface mount

The AdaptaBeacon 93 Series strobes give you a choice of single- or double-flash operation in heavy duty weatherproof applications where a longer lasting signal is required. They use an optically designed fresnel lens to improve on-time and viewer perception. The cast base may be used as a junction box and the fixtures are immune to shock and vibration.

AdaptaBeacon® Type 3R Heavy Duty Strobe

Type 3R, Weatherproof,
Single & Double Flash
94 & 94DF Series



Approvals: UL 1638 Listed, cUL Listed, Type 3R

Tech Info:

Flash Rate: single – 65 fpm, double – 50 dfpm

Electrical Rating: 120V 50/60 Hz, 0.1 Amps or
240V 50/60 Hz, 0.05 Amps

Peak Candlepower: 800,000 – single, 1,100,000 – double

Mounts on: 3/4" conduit or surface mount

The AdaptaBeacon 94 Series strobes give you a choice of single- or double-flash operation in heavy duty weatherproof applications where a longer lasting signal is required. They use an optically designed fresnel lens to improve on-time and viewer perception. A shatter-resistant polycarbonate dome cover offers an added layer of safety and environmental integrity. The cast base may be used as a junction box and the fixtures are immune to shock and vibration.

AdaptaBeacon® Type 3R Heavy Duty Strobe

Type 3R, Weatherproof,
Single & Double Flash
97 & 97DF Series



Approvals: UL 1638 Listed, Type 3R

Tech Info:

Flash Rate: single – 65 fpm, double – 50 dfpm

Electrical Rating: 12-48V DC, 1.2 Amps or 72-125V DC,
0.2 Amps

Peak Candlepower: 800,000 – single, 1,100,000 – double

Mounts on: 3/4" conduit or surface mount

The AdaptaBeacon 97 Series strobes give you a choice of single- or double-flash operation in heavy duty weatherproof applications where a frequent, longer lasting signal is required. They use an optically designed fresnel lens to improve on-time and viewer perception. The cast base may be used as a junction box and the fixtures are immune to shock and vibration.

Pathfinder™ Type 3R Heavy Duty Rotating Light

Type 3R, Twin Sealed Beams 100SB Series



Approvals: UL 1638 Listed, cUL Listed, Type 3R

Tech Info:

Revolutions per Minute: 80

Electrical Rating: 120V 60 Hz, 0.8 Amps

Peak Candlepower: two 35,000 candlepower lamps

Mounts on: 3/4" conduit

The Pathfinder 100SB Series heavy duty rotating lights cast powerful searchlight-like beams through a tough, clear, or colored shatter-resistant polycarbonate dome. A PVC coated base delivers greater corrosion resistance than stamped metal and more durability than plastic. A belt drive ensures quiet operation and simplified maintenance.

2



Electronic Signals – Sound Performers

Your facilities weren't built for a certain type of signal, so we built electronic signals to suit every facility. Loud, louder and always clearer, Edwards has signals that fit anywhere, communicate every way and can be powered by just about any infrastructure's existing electrical system. So one hazard you never need to worry about is finding the perfect signal as long as it's from Edwards.

For Electronic Signals Ordering Info See Page

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Duotronic® Explosionproof Electronic Horns & Sirens

Class I, Div. 1&2
5522M & 5523M Series



Approvals: UL Listed for Class I, Division 1 and 2, Groups B, C, and D hazardous locations, UL 464 and 1203 Listed

Tech Info:

Electrical Rating: 2V DC, 0.47 Amps or 125V DC, 0.13 Amps or 250V DC, 0.07 Amps or 24V 50/60 Hz, 1.32 Amps or 120V 50/60 Hz, 0.26 Amps or 240V 50/60 Hz, 0.19 Amps dB at 10 ft.: 109 (horn) and 105 (siren)
Frequency: 982 Hz (horn) rises and falls between 600 and 1250 Hz (siren)

Explosionproof Duotronic Electronic 5522M Series Horns and 5523M Series Sirens create high decibel signal sounds for alert or evacuation in hazardous locations. The mounting bracket attaches to just about any surface and allow a full 180° speaker swivel. Corrosion-resistant electrostatic heat-flowed powder epoxy finish increases signal life and a pre-fitted factory sealed 1/2" threaded pipe nipple speeds installation.

Duotronic® Explosionproof Electronic Horns & Sirens

Class I, Div. 1&2, Diode Polarized
5522MD & 5523MD Series



Approvals: UL Listed for Class I, Division 1 and 2, Groups B, C, and D hazardous locations, UL 464 and 1604 Listed

Tech Info:

Electrical Rating: 20-31V DC, 0.40 Amps
dB at 10 ft.: 109 (horn) and 105 (siren)
Frequency: 982 Hz (horn) rises and falls between 600 and 1250 Hz (siren)

Diode polarized, explosionproof Duotronic Electronic 5522MD Series Horns and 5523MD Series Sirens work in electronically supervised circuits to provide high decibel alert or evacuation signaling in hazardous locations. The mounting bracket attaches to just about any surface and allow a full 180° speaker swivel. Corrosion-resistant electrostatic heat-flowed powder epoxy finish increases signal life and a pre-fitted factory sealed 1/2" threaded pipe nipple speeds installation.

Adaptatone® Explosionproof Electronic Signals

Class I, Div. 1&2
Explosionproof, Two Outputs
5533M Series



Approvals: UL Listed for Class I, Division 1 and 2, Groups B, C, and D hazardous locations, UL 464 and 1203 Listed

Tech Info:

Electrical Rating: 24V DC, 0.47 Amps or 36V DC, 0.60 Amps or 125V DC, 0.13 Amps or 250V DC, 0.70 Amps or 24V 50/60 Hz, 1.32 Amps or 120V 50/60 Hz, 0.27 Amps or 240V 50/60 Hz, 0.19 Amps
Tone Capability: 55 built-in

The heavy duty explosionproof 5533M Adaptatone electronic signal produces high decibel, volume-controlled tones in industrial locations. Users can choose any two of the built-in 55 tones for use at any one time, using convenient miniature switches in the unit – and one tone can be assigned priority over the other. A volume control is also internal to the signal. The mounting bracket attaches to just about any surface and allow a full 180° speaker swivel. Corrosion-resistant electrostatic heat-flowed powder epoxy finish covers a heavy duty, zinc-cast construction, increasing signal life. A pre-fitted factory sealed 1/2" threaded pipe nipple speeds installation.

Adaptatone® Explosionproof Electronic Signals

Class I, Div. 1&2, Explosionproof,
Diode Polarized, Single Output
5533MD Series



Approvals: UL Listed for Class I, Division 1 and 2, Groups B, C, and D hazardous locations, UL 464 and 1203 Listed

Tech Info:

Electrical Rating: 20-31V DC, 0.40 Amps
Tone Capability: 55 built-in

The diode polarized, heavy duty, explosionproof 5533MD Adaptatone electronic signal produces high decibel, volume-controlled tones in electronically supervised circuits. Users can choose any one of the built-in 55 tones for use at any one time, using a convenient miniature switch in the unit. A volume control is also internal to the signal. The mounting bracket attaches to just about any surface and allows a full 180° speaker swivel. Corrosion-resistant electrostatic heat-flowed powder epoxy finish covers a heavy duty, zinc-cast construction, increasing signal life. A pre-fitted factory sealed 1/2" threaded pipe nipple speeds installation.

Adaptatone® Explosionproof Remote Speaker/Amp

Class I, Div. 1&2
5545M Series



Approvals: UL Listed for Class I, Division 1 and 2, Groups B, C, and D hazardous locations, UL 464 and 1203 Listed

Tech Info:

Electrical Rating: 24V DC, 0.47 Amps or 125V DC, 0.13 Amps or 250V DC, 0.07 Amps or 24V 50/60 Hz, 1.32 Amps or 120V 50/60 Hz, 0.26 Amps or 240V 50/60 Hz, 0.19 Amps

The heavy duty explosionproof 5545M Adaptatone remote speaker/amplifier produces high decibel, volume-controlled tones when connected to the Edwards 5540 Central Tone Generator or the 5541M System Master Panel. Operating each speaker/amplifier from a local power source gives users the flexibility to use the most convenient voltage available at each location. A volume control is also internal to the signal. The mounting bracket attaches to just about any surface and allows a full 180° speaker swivel. Corrosion-resistant electrostatic heat-flowed powder epoxy finish covers a heavy duty, zinc-cast construction, increasing signal life. A pre-fitted factory sealed 1/2" threaded pipe nipple speeds installation.

Adaptatone® Division 2 Millennium Multiple Tone Signal

Class I, Div. 2, Single Output
RS485 Activation
Models 5530M & 5530MV Series



Approvals: UL Listed for indoor/outdoor applications in Class I, Div. 2, Groups A, B, C & D; Class II, Div. 2, Groups F & G; and Class III Hazardous Locations, UL 464 and 1604, Type 3R, cUL (select models), CE Marked, LV & EMC Directives (certain models)

Tech Info:

Electrical Rating: 24V DC, 0.64 Amps or 125V DC, 0.16 Amps or 250V DC, 0.08 Amps or 24V 50/60 Hz, 1.22 Amps or 120V 50/60 Hz, 0.24 Amps or 240V 50/60 Hz, 0.15 Amps
Sound Output: up to 110 dB Tones: 27 Built-in
Mounts on: 1/2" conduit or surface mounting

The 5530M and 5530MV multiple tone signals deliver volume-controllable signaling in industrial environments. A microprocessor creates 27 tones, selected by a dip switch. Activated via a PLC or normally open contacts. RS485 compatible models. Field-recordable voice is available. Speaker locks in any direction. 24V DC battery-backup terminals.

Signal Input Load Characteristics* (PLC output to meet following product input parameters)

Cat. No.	Operating Voltage	Max. off state leak current (mA)	Continuous Current (mA)	Surge (inrush/duration) Amps/Milliseconds
5530M-24AQ	24V DC Only	2	740	8/4
5530M-24N5	120V 50/60 Hz	2	360	2.82/4
5530M-120N5	120V 50/60 Hz	5	380	2.82/4
24V DC Input Board	5V DC to 24V DC	2	6	—
120V DC Input Board	120V AC 50/60 Hz	5	13	—

* This device is PLC compatible and may be operated by PLCs with output characteristics that match the input load requirements of this signal.

Adaptatone® Division 2 Millennium Multiple Tone Signal

Class I, Div. 2, Single Output
Diode Polarized
5530MD-24AW



Approvals: UL Listed for indoor and outdoor applications in Class I, Division 2, Groups A, B, C, & D; Class II, Division 2, Groups F & G; and Class III Hazardous Locations, UL 464 and 1604 Listed, Type 3R, IP 44, CSFM, CE Marked, ULC S525, TÜV Rheinland Certified

Tech Info:

Electrical Rating: 20-31V DC, 0.80 Amps
Sound Output.: up to 110 dB
Tone Capability: 27 Built-in
Mounts on: 1/2" conduit or surface mounting

The heavy duty Adaptatone Millennium 5530MD-24AW multiple tone signal is a volume-controlled industrial environment unit. It is diode polarized for fire alarm systems and other electrically supervised circuit field wiring applications. A microprocessor circuit creates the 27 distinctive tones, selected by a dip switch within the unit. The signals are activated via a fire/security panel, a PLC or normally open contacts. The speaker can be rotated and locked in any horizontal direction.

Adaptatone® Division 2 Millennium Multiple Tone Signal

Class I, Div. 2, 30 Watt High Volume,
Single Output, RS485 Activation
Models 5530MHV Series



Approvals: UL Listed for indoor & outdoor applications in Class I, Div. 2, Groups A, B, C, & D; Class II, Div. 2, Groups F & G; and Class III Hazardous Locations, UL 464 and 1604 Listed, Type 3R, IP 44, cUL (select models), TÜV Rheinland Certified, CE Marked, LV & EMC Directives (certain models)

Tech Info:

Electrical Rating: 24V DC, 1.22 Amps or 125V DC, 0.37 Amps or 250V DC, 0.17 Amps or 24V 50/60 Hz, 2.21 Amps or 120V 50/60 Hz, 0.63 Amps or 240V 50/60 Hz, 0.30 Amps
Output: up to 113 dB @10 feet Tones: 27 Built-in
Mounts on: 1/2" conduit or surface mounting

The heavy duty, high volume 5530MHV delivers volume-controllable tones at industrial sites. A microprocessor creates 27 tones, selected by a dip switch. Activated via a PLC or normally open contacts. RS485 models. Speaker locks in any position. 24V DC battery-backup terminals.

Signal Input Load Characteristics* (PLC output to meet following product input parameters)

Cat. No.	Operating Voltage	Max. off state leak current (mA)	Continuous Current (mA)	Surge (inrush/duration) Amps/Milliseconds
5530MHV-24AQ	24V DC Only	2	740	8/4
24V DC Input Board	5V DC to 24V DC	2	6	—
120V DC Input Board	120V AC 50/60 Hz	5	13	—

* This device is PLC compatible and may be operated by PLCs with output characteristics that match the input load requirements of this signal.

Adaptatone® Division 2 Millennium Multiple Tone Signal

Class I, Div. 2, Four Outputs
5531M Series



Approvals: UL Listed for indoor & outdoor applications in Class I, Div. 2, Groups A, B, C, & D; Class II, Div. 2, Groups F & G; and Class III Hazardous Locations, UL 464 and 1604 Listed, Type 3R, IP 44, cUL (select models), CE Marked, LV & EMC Directives (certain models), TÜV Rheinland Certified

Tech Info:

Electrical Rating: 24V DC, 0.57 Amps or 125V DC, 0.15 Amps or 250V DC, 0.08 Amps or 24V 50/60 Hz, 0.98 Amps or 120V 50/60 Hz, 0.28 Amps or 240V 50/60 Hz, 0.15 Amps
Output: up to 110 dB @10 feet Tones: 27 Built-in
Mounts on: 1/2" conduit or surface mounting

The heavy duty 5531M activates up to 4 tones for volume-controllable signaling. 27 tones created via microprocessor and selected by dip switch. Activates via a PLC or normally open contacts, with pyramid-type priority. Speaker locks in any position. Battery-backup terminals.

Signal Input Load Characteristics* (PLC output to meet following product input parameters)

Cat. No.	Operating Voltage	Max. off state leak current (mA)	Continuous Current (mA)	Surge (inrush/duration) Amps/Milliseconds
5531M-24AQ	24V DC Only	2	740	8/4
5531M-24N5	120V 50/60 Hz	2	360	2.82/4
5531M-120N5	120V 50/60 Hz	5	380	2.82/4
24V DC Input Board	5V DC to 24 V DC (each input)	2	6	—
120V DC Input Board	120V AC 50/60 Hz (each input)	5	13	—

* This device is PLC compatible and may be operated by PLCs with output characteristics that match the input load requirements of this signal.

Adaptatone® Division 2 Millennium Multiple Tone Signal

**Class I, Div. 2, 30 Watt High Volume, Four Outputs
5531MHV Series**



Approvals: UL Listed for indoor & outdoor applications in Class I, Div. 2, Groups A, B, C, & D; Class II, Div. 2, Groups F & G; and Class III Hazardous Locations, UL 464 and 1604 Listed, Type 3R, IP 44, cUL (select models), CE Marked, LV & EMC Directives (certain models) TÜV Rheinland Certified

Tech Info:

Electrical Rating: 24V DC, 1.14 Amps or 125V DC, 0.31 Amps or 24V 50/60 Hz, 1.73 Amps or 120V 50/60 Hz, 0.47 Amps or 240V 50/60 Hz, 0.28 Amps
Sound output: up to 113 dB Tones: 27 Built-in
Mounts on: 1/2" conduit or surface mounting

Heavy duty 5531MHV high volume signal delivers up to 4 volume-controllable tones. Microprocessor creates 27 tones, with 4 selected through a dip switch. Operates on pyramid priority system. Activated via a PLC or normally open contacts. Speaker locks in any direction. Battery-backup terminals.

Signal Input Load Characteristics* (PLC output to meet following product input parameters)

Cat. No.	Operating Voltage	Max. off state leak current (mA)	Continuous Current (mA)	Surge (inrush/duration) Amps/Milliseconds
5531MHV-24AQ	24V DC Only	2	1500	8/4
24V DC Input Board	5V DC to 24V DC (each input)	2	6	—

* This device is PLC compatible and may be operated by PLCs with output characteristics that match the input load requirements of this signal.

Adaptatone® Division 2 Millennium Multiple Tone Signal

**Class I, Div. 2, Single Output, Voice Capability
5531MV Series**



Approvals: UL Listed for indoor and outdoor applications in Class I, Division 2, Groups A, B, C, & D; Class II, Division 2, Groups F & G; and Class III Hazardous Locations, UL 464 and 1604 Listed, Type 3R, IP 44, cUL (select models)

Tech Info:

Electrical Rating: 120V 50/60 Hz, 0.23 Amps
Sound Output: up to 110 dB @10 feet
Tone Capability: 27 Built in, plus 20 seconds of field-recorded voice messages
Mounts on: 1/2" conduit or surface mounting

The 5531MV delivers volume-controllable signaling and field-recorded voice. Microprocessors create 27 tones and store up to 20 seconds of voice. Select up to 4 tones/messages through a dip switch. Operates on a pyramid priority system. Activated via a PLC or normally open contacts. Speaker locks in any direction. Battery-backup terminals.

Signal Input Load Characteristics* (PLC output to meet following product input parameters)

Cat. No.	Operating Voltage	Max. off state leak current (mA)	Continuous Current (mA)	Surge (inrush/duration) Amps/milliseconds
5531MV-24N5	24V 50-60Hz	2	360	2.82/4
5531MV-120N5	120V 50-60Hz	5	380	2.82/4
24V DC Input Board	5V DC to 24V DC (each input)	2	6	—
120V AC Input Board	120V AC 50-60Hz (each input)	5	13	—

* This device is PLC compatible and may be operated by PLCs with output characteristics that match the input load requirements of this signal.

Adaptatone® Division 2 Millennium Central Tone Generator

Class I, Div. 2, Synchronized System Signaling, Four Outputs, RS485 Activation Models
5540M Series



Approvals: UL Listed for indoor & outdoor applications in Class I, Div. 2, Groups A, B, C & D; Class II, Div. 2, Groups F & G; and Class III Hazardous Locations, UL 464 and 1604, Type 3R, IP 44, cUL (select models), TÜV Rheinland Certified, CE Marked – Cenelec LV & EMC Directives (select models)

Tech Info:

Electrical Rating: 24V DC, 0.74 Amps or 125V DC, 0.21 Amps or 250V DC, 0.10 Amps or 24V 50/60 Hz, 1.3 Amps or 120V 50/60 Hz, 0.38 Amps or 240V 50/60 Hz, 0.20 Amps
Tone Capability: 27 Built-in Mounts on: surface mounting

The 5540M delivers simultaneous, synchronized signaling of high decibel tones. A microprocessor creates 27 tones, and a volume control is included. Select up to 4 tones, operating on a pyramid-type priority system. Activated via a PLC or normally open contacts. RS485 models. Includes battery-backup terminals and short circuit protection.

Signal Input Load Characteristics* (PLC output to meet following product input parameters)

Cat. No.	Operating Voltage	Max. off state leak current (mA)	Continuous Current (mA)	Surge (inrush/duration) Amps/Milliseconds
5540M-24AQ	24V DC Only	2	740	8/4
5540M-24N5	120V 50/60 Hz	2	360	2.82/4
5540M-120N5	120V 50/60 Hz	5	380	2.82/4
5540M-24Y6	120V 50/60 Hz	2	320	2.82/4
5540M-120y6	120V 50/60 Hz	5	310	2.82/4
24V DC Input Board	24V DC (each input)	2	6	—
120V DC Input Board	120V AC 60 Hz (each input)	5	13	—

Adaptatone® Division 2 Millennium Central Tone Generator

Class I, Div. 2, Synchronized System Signaling, Voice Messaging, Four Outputs, RS485 Activation Models **5540MV Series**



Approvals: UL Listed for indoor & outdoor applications in Class I, Div. 2, Groups A, B, C & D; Class II, Div. 2, Groups F & G; and Class III Hazardous Locations, UL 464 and 1604, Type 3R, IP 44, cUL, CE Marked – Cenelec LV & EMC Directives

Tech Info:

Electrical Rating: 125V DC, 0.21 Amps or 250V DC, 0.10 Amps or 120V 50/60 Hz, 0.36 Amps or 240V 50/60 Hz, 0.2 Amps
Tone Capability: 27 Built-in, plus 20 seconds of field-recorded voice messages Mounts on: surface mounting

The 5540MV delivers simultaneous, synchronized signaling of high decibel tones and pre-recorded voice. Microprocessor creates 27 tones. Includes volume control. Select up to 4 tones/voice messages, operating on a pyramid priority system. Activated via a PLC or normally open contacts. RS485 models available. Battery-backup terminals, short circuit protection and Pre-signal tone option.

Signal Input Load Characteristics* (PLC output to meet following product input parameters)

Cat. No.	Operating Voltage	Max. off state leak current (mA)	Continuous Current (mA)	Surge (inrush/duration) Amps/Milliseconds
5540MV-24AQ	120V 50/60 Hz	2	360	2.82/4
5540MV-24Y6	120V 50/60 Hz	2	320	2.82/4
24V DC Input Board	24V DC	2	6	—

* This device is PLC compatible and may be operated by PLCs with output characteristics that match the input load requirements of this signal.

Adaptatone® Division 2 Millennium Multiple Tone Signal

Class I, Div. 2, Synchronized System Signaling & Paging, Three Outputs + Paging
5540MP Series



Approvals: UL Listed for indoor/outdoor applications in Class I, Div. 2, Groups A, B, C & D; Class II, Div. 2, Groups F & G; and Class III hazardous locations, UL 464 & 1604 Listed, Type 3R, IP 44, cUL

Tech Info:

Electrical: 125V DC, 0.21 Amps or 250V DC, 0.10 Amps or 120V 50/60 Hz, 0.32 Amps or 240V 50/60 Hz, 0.20 Amps
Tones: 27 Built-in Paging: Built-in Mounts on: surface

The 5540MP central tone generator delivers simultaneous signaling of high decibel tones and, when used with the 5542RPU Remote Paging Unit, voice paging. It synchronizes signaling to speakers and amplifiers for uniform communication and priority tone selection. Microprocessor creates 27 tones. Includes volume control. Up to 3 tones can be used at once, with pyramid priority system and paging priority. Activated via a PLC or normally open contacts. Battery-backup terminals, short circuit protection.

Signal Input Load Characteristics

Cat. No.	Operating Voltage	Input Card Activation Voltage	Signal Off Standby Current (Amps)	Signal On Operating Current (Amps)
5540MP-24Y6*	120V AC 50/60 Hz	2	0.10	0.32
	240V AC 50/60 Hz		0.10	0.20
	125V DC		0.10	0.21
	250V DC		0.02	0.10

* Must be connected to 5542RPU to operate.

Adaptatone® Division 2 Millennium Remote Speaker/Amp

Class I, Div. 2, System Speaker Operation, RS485 Model Available
5532M & 5532MD Series



Approvals: UL Listed for indoor and outdoor applications in Class I, Div. 2, Groups A, B, C, & D; Class II, Div. 2, Groups F & G; and Class III hazardous locations, UL 464 and 1604 Listed, Type 3R, IP 44, cUL, CE Marked, LV & EMC Directives (certain models), TÜV Rheinland Certified

Tech Info:

Electrical Rating: 20-24V DC, 0.64 Amps or 24V DC, 0.64 Amps or 125V DC, 0.15 Amps or 250V DC, 0.08 Amps or 24V 50/60 Hz, 1.22 Amps or 120V 50/60 Hz, 0.28 Amps or 240V 50/60 Hz, 0.15 Amps
Sound Output: up to 110 dB @10 feet
Mounts on: 1/2" conduit or surface mounting

The Adaptatone 5532M and 5532MD (Diode Polarized for use in electrically supervised systems) remote speaker/amplifiers produce high decibel, volume-controlled tones when connected to the Edwards 5540M Central Tone Generator or the 5541M System Master Panel. Operating each speaker/amplifier from a local power source gives users the flexibility to use the most convenient voltage available at each location. An RS485 model is available and a volume control is also internal to all signal models. The fixture attaches to just about any surface and allows a full 180° speaker swivel. Corrosion-resistant electrostatic heat flowed powder epoxy finish increases signal life. 24V DC battery backup terminals are standard.

Adaptatone® Division 2 Millennium Remote Speaker/Amp

Class I, Div. 2, High Volume System
Speaker Operation, RS485 Model
Available
5532MHV Series



Approvals: UL Listed for indoor and outdoor applications in Class I, Div. 2, Groups A, B, C, & D; Class II, Div. 2, Groups F & G; and Class III hazardous locations, UL 464 and 1604 Listed, Type 3R, IP 44, cUL, CE Marked, LV & EMC Directives (certain models), TÜV Rheinland Certified

Tech Info:

Electrical Rating: 24V DC, 1.22 Amps or 125V DC, 0.32 Amps or 250V DC, 0.15 Amps or 24V 50/60 Hz, 2.21 Amps or 120V 50/60 Hz, 0.48 Amps or 240V 50/60 Hz, 0.28 Amps

Sound Output: up to 113 dB @10 feet

Mounts on: 1/2" conduit or surface mounting

The high volume Adaptatone 5532MHV remote speaker/amplifier produces high decibel, volume-controlled tones when connected to the Edwards 5540M Central Tone Generator or the 5541M System Master Panel. Operating each speaker/amplifier from a local power source gives users the flexibility to use the most convenient voltage available at each location. An RS485 model is available and a volume control is also internal to all signal models. The fixture attaches to just about any surface and allows for a full 180° speaker swivel. Corrosion-resistant electrostatic heat flowed powder epoxy finish increases signal life. 24V DC battery-backup terminals are standard.

Adaptatone® Division 2 Millennium Local/System Signal

Class I, Div. 2, Three Outputs
& Priority
5536M Series



Approvals: UL & cUL Listed for indoor & outdoor applications in Class I, Division 2, Groups A, B, C & D; Class II, Division 2, Groups F & G; and Class III Hazardous Location applications, UL 464 and 1604 Listed, Type 3R, IP 44, CE Marked, LV & EMC Directives, TÜV Rheinland Certified

Tech Info:

Electrical Rating: 24V DC, 0.64 Amps or 125V DC, 0.15 Amps or 250V DC, 0.77 Amps or 24V 50/60 Hz, 1.22 Amps or 120V 50/60 Hz, 0.28 Amps or 240V 50/60 Hz, 0.15 Amps

Sound Output: up to 110 dB @10 feet

Tones: 27 Built-in Mounts on: 1/2" conduit or surface

The 5536M delivers up to 3 tones for local volume-controllable signaling. It also works in Adaptatone Systems, sounding the central signal or its own tone. Signals activated via a PLC or normally open contacts. Pyramid-type priority system and one designated priority signal. If part of an Adaptatone System, unit has priority.

Signal Input Load Characteristics* (PLC output to meet following product input parameters)

Cat. No.	Operating Voltage	Max. off state leak current (mA)	Continuous Current (mA)	Surge (inrush/duration) Amps/Milliseconds
5536M-24AQ	24V DC Only	2	740	8/4
5536M-24N5	120V 50/60 Hz	2	360	2.82/4
24V DC Input Board	5V DC to 24V DC (each input)	2	6	—

* This device is PLC compatible and may be operated by PLCs with output characteristics that match the input load requirements of this signal.

Adaptatone® Division 2 Millennium Local/System Signal

Class I, Div. 2, 30 Watt, High Volume, Three Outputs & Priority
5536MHV Series



Approvals: UL & cUL Listed for indoor & outdoor applications in Class I, Division 2, Groups A, B, C & D; Class II, Division 2, Groups F & G; and Class III Hazardous Locations, UL 464 and 1604 Listed, Type 3R, IP 44, cUL, CE Marked, LV & EMC Directives (certain models), TÜV Rheinland Certified

Tech Info:
Electrical Rating: 24V DC, 1.14 Amps or 125V DC, 0.34 Amps or 250V DC, 0.17 Amps or 24V 50/60 Hz, 1.73 Amps or 120V 50/60 Hz, 0.53 Amps or 240V 50/60 Hz, 0.30 Amps
Sound Output: up to 113 dB @10 feet
Tones: 27 Built-in Mounts on: 1/2" conduit or surface

High volume 5536MHV delivers up to 3 tones for local volume-controllable signaling. Also works in Adaptatone Systems, sounding the central signal or its own. Signals activated via PLC or normally open contacts. Pyramid-type priority system and one designated priority input. If part of an Adaptatone System, unit has priority.

Signal Input Load Characteristics* (PLC output to meet following product input parameters)

Cat. No.	Operating Voltage	Max. off state leak current (mA)	Continuous Current (mA)	Surge (inrush/duration) Amps/Milliseconds
5536MHV-24AQ	24V DC Only	2	1500	8/4
24V DC Input Board Circuit	5V DC to 24V DC (each input)	2	6	—

* This device is PLC compatible and may be operated by PLCs with output characteristics that match the input load requirements of this signal.

Millennium Mini-Mi™ Type 3R Voice & Tone Generator

Type 3R, RS485 Activated Models,
Diode Polarized Models
5560M Series



Approvals: UL 464 and 1604 Listed, Type 3R, UL 1971 (certain models)

Tech Info:

Electrical Rating: 16-33V DC, 0.13 Amps, 24V DC, 0.070 Amps or 24V 50/60 Hz, 0.16 Amps or 120V 50/60 Hz, 0.088 Amps

Sound Output: up to 97 dB

Tone Capability: 55 Built-in, plus up to 20 seconds of field-recorded voice

Mounts on: standard 4 backbox

The 5560M Millennium Mini-Mi is a compact tone and voice generator with a modular design that allows custom configuration to meet precise signaling needs. It is available with or without a 110 candela strobe. Mini-Mi can be configured as a stand-alone signal with tone or tone/voice operation, as part of an RS485 network, or as a standard system speaker/amplifier. Diode polarized models are available for fire alarm and other supervised circuits. 10, 25 or 70.7VRMS audio input boards are available. Mini-Mi's 55 distinctive tones are selected for one-at-a-time operation through a dip switch within the unit. Signals can also be activated via a PLC or normally open contacts. Units feature an internal volume control and rugged, weatherproof Lexan construction.

3



Bells – Edwards quality has a nice ring to it

Just because bells have been a signaling standby for hundreds of years, don't be fooled into thinking they're low tech. Edwards' crisp-ringing bells are the output device for some of the world's most sophisticated communications systems. They ring loud and true, whether connected to a simple fire alarm or a hazardous production facility.

For Bells Ordering Info See Page

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Adaptabel® Explosionproof AC Single Stroke Bells

Class I, Div. 1&2, Type 4
332EX Series



Approvals: UL Listed for Class I, Division 1 and 2, Groups B, C and D; Class II, Division 1 and 2, Groups E, F and G; and Class III, UL 1203 Listed, Type 4

Tech Info:

Electrical Rating: 24V 50/60 Hz, 3.40 Amps or 120V 50/60 Hz, 0.43 Amps or 240V 50/60 Hz, 0.20 Amps
 Sizes: 6" and 10" gongs
 dB @10 feet: 86 (6" gong) & 94 (10" gong)
 Mounts on: any solid surface

Explosionproof Adaptabel AC single stroke bells produce a distinctive, loud and clear individual note that is free of mechanical clatter. The striker hits the gong once whenever current is applied. Current may be coded to cause the striker to hit the gong intermittently. Units feature low power drain for efficient operation over long runs. They come completely assembled and feature an adjustment-free, self-compensating plunger. The weatherproof bells have a corrosion resistant finish and include a sealing fitting for 3/4" conduit and wire leads for power connections.

Adaptabel® Explosionproof DC Single Stroke Bells

Class I, Div. 1&2, Type 4
333EX Series



Approvals: UL Listed for Class I, Division 1 and 2, Groups B, C and D; Class II, Division 1 and 2, Groups E, F and G; and Class III, UL 1203 Listed, Type 4

Tech Info:

Electrical Rating: 24V DC, 3.50 Amps or 125V DC, 0.52 Amps
 Sizes: 6" and 10" gongs
 dB @10 feet: 86 (6" gong) & 94 (10" gong)
 Mounts on: any solid surface

Explosionproof, hazardous location Adaptabel DC single stroke bells produce a distinctive, loud and clear individual note that is free of mechanical clatter. The striker hits the gong once whenever current is applied. Current may be coded to cause the striker to hit the gong intermittently. Units feature low power drain for efficient operation over long runs. They come completely assembled and feature an adjustment-free, self-compensating plunger. The weatherproof bells have a corrosion resistant finish and include a sealing fitting for 3/4" conduit and wire leads for power connections.

Adaptabel® Explosionproof AC Vibrating Bells

Class I, Div. 1&2, Type 4
340EX Series



Approvals: UL Listed for Class I, Division 1 and 2, Groups B, C and D; Class II, Division 1 and 2, Groups E, F and G; and Class III, UL 1203 Listed, Type 4

Tech Info:

Electrical Rating: 24V 50/60 Hz, 0.21 or 120V 50/60 Hz, 0.041 Amps or 240V 50/60 Hz, 0.021 Amps

Sizes: 6", 8" and 10" gongs

dB @10 feet: 84 (6" gong), 89 (8" gong) & 88 (10" gong)

Mounts on: any solid surface

Explosionproof Adaptabel AC vibrating bells produce a distinctive, loud and clear ringing that is free of mechanical clatter. The striker hits the gong in continuous, rapid-fire action as long as current is applied. The bells' low power drain makes for efficient operation over long runs. They come completely assembled and feature an adjustment-free, self-compensating plunger. These Type 4 bells have a corrosion-resistant finish and include a sealing fitting for 3/4" conduit and wire leads for power connections in hazardous locations.

Adaptabel® Explosionproof DC Vibrating Bells

Class I, Div. 1&2, Type 4
435EX Series



Approvals: UL Listed for Class I, Division 1 and 2, Groups B, C and D; Class II, Division 1 and 2, Groups E, F and G; and Class III, UL 1203 Listed, Type 4

Tech Info:

Electrical Rating: 6V DC, 1.52 Amps or 12V DC, 0.52 Amps or 24V DC, 0.29 Amps or 48V DC, 0.11 Amps or 125V DC, 0.04 Amps or 250V DC, 0.023 Amps

Sizes: 6", 8" and 10" gongs

dB @10 feet: 83 (6" gong), 86 (8" gong) & 89 (10" gong)

Mounts on: any solid surface

Explosionproof Adaptabel DC vibrating bells produce a distinctive, loud and clear ringing that is free of mechanical clatter. The striker hits the gong in continuous, rapid-fire action as long as current is applied. The bells' low power drain makes for efficient operation over long runs. They come completely assembled and feature an adjustment-free, self-compensating plunger. These Type 4 bells have a corrosion-resistant finish and include a sealing fitting for 3/4" conduit and wire leads for power connections in hazardous locations.

Adaptabel® Explosionproof DC Fire Alarm Bells

Class I, Div. 1&2, Explosionproof
439DEX Series



Approvals: UL Listed for Class I, Division 1 and 2, Groups B, C and D; Class II, Division 1 and 2, Groups E, F and G; and Class III, UL 1203 Listed, CSFM Listed

Tech Info:

Electrical Rating: 20-24V DC, 0.24 Amps

Sizes: 6", 8" and 10" gongs

dB @10 feet: 83 (6" gong), 86 (8" gong) & 89 (10" gong)

Mounts on: any solid surface

Adaptabel explosionproof fire alarm bells produce a distinctive, loud and clear ringing that is free of mechanical clatter. The vibrating bells' striker hits the gong in continuous, rapid-fire action as long as current is applied. The bells' low power drain makes for efficient operation over long runs and they are diode polarized for use in fire alarm and in electrically supervised circuits. They come completely assembled and feature an adjustment-free, self-compensating plunger. The bells have a corrosion-resistant red epoxy finish and include a sealing fitting for 3/4" conduit and wire leads for power connections in hazardous locations.

4



Horns & Buzzers – the many languages of signaling

From buzzing alerts to the wail of a mighty Adaptahorn®, Edwards' horns and buzzers are vital safety and communications assets throughout business and industry. They offer the flexibility to deliver the most appropriate signal in just about any facility environment. If you want the latest buzz on signals, you want Edwards – from Hazardous locations to the storage yard.

For Horn & Buzzer
Ordering Info See Page

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Adaptahorn® Grille Type, Explosionproof Horn

Class I, Div. 1&2, Outdoor Rated,
Type 4X
878EX & 879EX Series



Approvals: UL Listed for Class I, Division 1 and 2, Groups B, C and D; Class II, Division 1 and 2, Groups E, F and G; and Class III locations, UL Listed for outdoor locations, Type 4X

Tech Info:

Electrical Rating: 6V DC, 0.70 Amps or 12V DC, 0.27 Amps or 24V DC, 0.16 Amps or 32V DC, 0.13 Amps or 48V DC, 0.07 Amps or 125V DC, 0.025 Amps or 12V 50/60Hz, 1.25 Amps or 24V 50/60 Hz, 0.625 Amps or 120V 50/60 Hz, 0.13 Amps or 240V 50/60 Hz, 0.065 Amps

dB @10 feet: 97

Mounts on: any solid surface

The explosionproof AdaptaHorn 878EX and 879EX Series grille type heavy duty horns deliver high decibel vibrating signals in hazardous locations. They feature a wide operating voltage range, functioning from -20% to +10% of nominal voltage. The horns feature a low power drain for efficient operation over long runs. One side of the housing is tapped for 3/4" conduit to allow for field wiring – power connection wires are embedded in sealing compound. The heat-flowed epoxy finish is corrosion resistant.

Adaptahorn® Grille Type Explosionproof Horn

Class I, Div. 1&2, Diode Polarized,
Outdoor Rated, Type 4X
878DEX & 879DEX Series



Approvals: UL Listed for Class I, Division 1 and 2, Groups B, C and D; Class II, Division 1 and 2, Groups E, F and G; and Class III locations, UL Listed for outdoor locations, Type 4X (for general signaling in non-fire alarm applications), CSA version available

Tech Info:

Electrical Rating: 24V DC, 0.16 Amps or 120V AC, 0.13 Amps

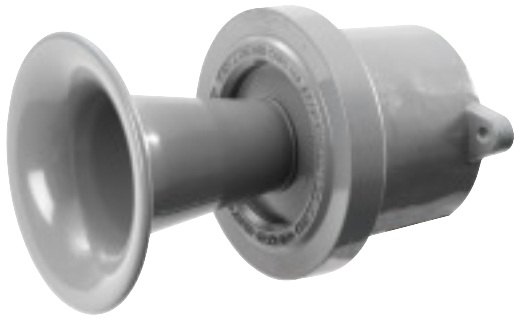
dB @10 feet: 97

Mounts on: any solid surface

Explosionproof AdaptaHorn 878DEX and 879DEX Series grille type heavy duty horns deliver high decibel vibrating horn signals in hazardous locations. Diode polarized, they are ideal for electrically supervised circuits. They feature a wide operating voltage range, functioning from -20% to +10% of nominal voltage. The horns feature a low power drain for efficient operation over long runs. One side of the housing is tapped for 3/4" conduit to allow for field wiring – power connection wires are embedded in sealing compound. The heat-flowed epoxy finish is corrosion resistant.

Adaptahorn® Explosionproof Single Projector Horn

Class I, Div. 1&2
B-KM-8130 Series



Approvals: UL Listed for Class I, Division 1 and 2, Groups C and D; Class II, Division 1 and 2, Groups E, F, and G; and Class I Groups A and B, Division II locations

Tech Info:

Electrical Rating: 24V AC, 2.0 Amps or 120V AC, 0.45 Amps or 240V AC, 0.20 Amps
dB @10 feet: 105
Mounts on: any solid surface

The B-KM-8130 single projector horn delivers high decibel vibrating horn signals in hazardous locations. It features a cast aluminum housing and ring, a seamless 5 1/2" steel projector, and a 5 spring steel diaphragm. The housing is tapped for 1/2" conduit to allow for field wiring. The heat-flowed epoxy finish is corrosion-resistant.

Explosionproof Adaptabuzzer™

Explosionproof
B-KM-8140 & B-8141



Approvals: UL 1203 Listed

Tech Info:

Electrical Rating: 24V DC, 0.8 Amps or 24V AC, 1.1 Amps or 120V AC, 0.2 Amps or 240V AC, 0.1 Amps
dB @10 feet: 89
Mounts on: any solid surface

The explosionproof AdaptaBuzzers are heavy duty AC and DC buzzers for Division 1 locations. Sound is produced by the hammer action of a vibrating armature against the cover. A 1/2" tapped conduit entrance allows for field wiring. A corrosion-resistant heat-flowed epoxy finish protects a cast aluminum housing and cover.

Mineguard™ Mine Buzzers

MSHA Certified
B-8140-M & B-8141-M



Approvals: MSHA Certified No. X/P-3116-1, conforms with MSHA 30 CFR Part 18 for methane and air mixtures

Tech Info:

Electrical Rating: 24V DC, 0.8 Amps or 250V DC, 0.1 Amps or 24V AC, 1.1 Amps or 120V AC, 0.2 Amps or 240V AC, 0.1 Amps

dB @10 feet: 89

Mounts on: any solid surface

The Mineguard series are heavy duty AC and DC buzzers for use on mining equipment. Sound is produced by the hammer action of a vibrating armature against the cast aluminum cover. A 33" power cord and conduit hose constructed of flame retardant neoprene handles power connections. These MSHA buzzers are designed to withstand the constant vibrations associated with mining. A corrosion-resistant heat-flowed epoxy finish protects the heavy duty cast aluminum housing and cover.

Adaptahorn® Type 4X Panel Mount Vibrating Horn

Type 4X
PLC Compatible models available
870P & 871P Series



Approvals: UL Listed, Type 4X

Tech Info:

Electrical Rating: 6V DC, 0.7 Amps or 12V DC, 0.27 Amps or 24V DC, 0.16 Amps or 32V DC, 0.11 Amps or 125V DC, 0.014 Amps or 250V DC, 0.025 Amps or 12V AC, 1.25 Amps or 24V AC, 0.63 Amps or 120V AC, 0.13 Amps or 240V AC, 0.07 Amps
dB @10 feet: 101 (DC models), 103 (AC models)
Mounts on: semi-flush panel mount or on 4 square box

Heavy duty 870P AC and 871P DC low-current horns deliver high decibel vibrating signals in Type 4X locations – a gasket is included. PLC compatibility is available and all models function from –20% to +10% of nominal voltage. Completely assembled, they include a volume adjustment set screw on the cover. The die cast housing is corrosion resistant.

PLC Compatibility – Signal Input Load Characteristics* (PLC output to meet following product input parameters)

Cat. No.	Operating Voltage	Max. off state leak current (mA)	Continuous on Current (mA)	Surge (inrush/duration) Amps/Milliseconds
870P-N5	120V AC	25	120	1.02/.000026
871P-G1	24V DC	25	150	1.7/.000042

* This device is PLC compatible and may be operated by PLCs with output characteristics that match the input load requirements of this signal. Electromechanical devices can produce transient spikes and should only be used on PLC output cards that have inherent transient spike suppression. Consult the PLC manufacturer prior to connecting 24V DC electromechanical devices to the PLCs.

Adaptahorn® Type 4X Grille Type Vibrating Horn

Type 4X, Weatherproof,
PLC Compatible models available
876 & 877 Series



Approvals: UL Listed, Type 4X, FM Approved

Tech Info:

Electrical Rating: 12V DC, 0.27 Amps or 24V DC, 0.16 Amps or 32V DC, 0.13 Amps or 48V DC, 0.07 Amps or 125V DC, 0.025 Amps or 12V AC, 1.25 Amps or 24V AC, 0.63 Amps or 120V AC, 0.13 Amps or 240V AC 0.07 Amps
dB @10 feet: 101 (DC models), 103 (AC models)
Mounts on: 3/4" conduit or any flat surface

Weatherproof, heavy duty 876 AC and 877 DC Series low-current horns deliver high decibel vibrating signals in Type 4X locations. PLC compatible models are available, and all models function from –20% to +10% of nominal voltage. Units are completely assembled, feature convenient plug-in assembly, and include a volume adjustment set screw on the cover. The die cast housing has a corrosion-resistant heat-flowed powder epoxy finish.

PLC Compatibility – Signal Input Load Characteristics* (PLC output to meet following product input parameters)

Cat. No.	Operating Voltage	Max. off state leak current (mA)	Continuous on Current (mA)	Surge (inrush/duration) Amps/Milliseconds
876-N5	120V AC	25	120	1.02/.000026
877-G1	24V DC	25	150	1.7/.000042

* This device is PLC compatible and may be operated by PLCs with output characteristics that match the input load requirements of this signal. Electromechanical devices can produce transient spikes and should only be used on PLC output cards that have inherent transient spike suppression. Consult the PLC manufacturer prior to connecting 24V DC electromechanical devices to the PLCs.

Adaptahorn® Type 4X Single Projector Horn

Type 4X, Weatherproof
B-8526 & B-N-8546 Series



Approvals: UL Listed, Type 4X

Tech Info:

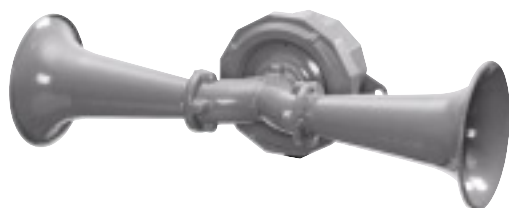
Electrical Rating: 24V DC, 1.0 Amps or 125V DC, 0.2 Amps or 250V DC, 0.1 Amps or 12V AC, 1.6 Amps or 24V AC, 1.1 Amps or 120V AC, 0.2 Amps or 240V AC, 0.1 Amps
dB @10 feet: 95 (DC models), 97 (AC models)

Mounts on: any flat surface

The weatherproof, heavy duty B-8526 (DC) & B-N-8546 (AC) Series single projector horns deliver loud and distinctive signaling in Type 4X locations. The sound mechanism starts and stops instantly with current impulse. The units feature a 7" seamless steel projector and a vibrating diaphragm. The units are completely assembled, gasket sealed, feature convenient plug-in assembly, and include an external volume adjustment set screw. The heavy duty die cast aluminum housing has corrosion-resistant heat-flowed powder epoxy finish and is tapped on the side for 1/2" conduit.

Adaptahorn® Type 4X Double Projector Horn

Type 4X, Weatherproof
B-8599 & B-N-8590 Series



Approvals: UL Listed, Type 4X

Tech Info:

Electrical Rating: 12V DC, 1.5 Amps or 24V DC, 1.0 Amps or 125V DC, 0.2 Amps or 250V DC, 0.1 Amps or 12V AC, 1.6 Amps or 24V AC, 1.1 Amps or 120V AC, 0.2 Amps
dB @10 feet: 93 (DC models), 95 (AC models)

Mounts on: any flat surface

The weatherproof, heavy duty B-8599 (DC) & B-N-8590 (AC) Series double projector horns deliver loud and distinctive signaling in Type 4X locations. The sound mechanism starts and stops instantly with current impulse. The units feature dual 7" seamless steel projectors and a vibrating diaphragm. The units are completely assembled, gasket sealed, feature convenient plug-in assembly, and include an external volume adjustment set screw. The heavy duty die cast aluminum housing has corrosion-resistant heat-flowed powder epoxy finish and is tapped on the side for 1/2" conduit.

5



Fire Alarm – The most important signals are the ones you hope you never need

There's much more to a fire alarm system than a box and a pull station. Edwards' fire alarm signals meet or exceed regulatory requirements for durability and performance. More importantly, they meet Edwards' requirements for reliability and quality – especially in hazardous locations. When you need to get your people out, you can count on Edwards signals to get the message out.

For Fire Alarm Ordering Info See Pages

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Explosionproof and Weatherproof Heat Detectors

Explosionproof & Weatherproof Models EPBMPB & WPBMPB Series



Approvals: Designed to meet Class I, Div. 1, Groups C & D; Class II, Div. 1, Groups E, F & G (EPBMPB Models only) UL Listed, FM Approved, CSFM Listed, ULC Listed, MEA Listed

These Edwards heat detectors are normally open devices designed to close an electrical circuit upon activation. They employ two independent methods of detection: rate-of-rise and fixed temperature. Models are available in configurations that include fixed temperature and combination rate-of-rise/fixed temperature. Their compact, simple design is unaffected by vibration. Large terminals and wireways simplify wiring and no exposed metal parts carry current. Electrical contacts are silver clad. The EPBMPB models are explosionproof and moisture proof. WPBMPB models are weatherproof and moisture proof. All metal parts are brass or aluminum and mounted on a durable phonelic base.

Explosionproof Photoelectric Smoke Detector

Class I, Div. 1 V9006-0001-013



Approvals: VDE Certified, Designed to meet Class I, Div. 1 Groups C & D; Class II, Div. 1, Groups E, F & G

Tech Info:

Electrical Rating: 20-28V DC
Typical Current @77°F: 10 mA
Alarm Current: 35 mA
Standby Current: 10 mA

The V9006-0001-013 explosionproof smoke detector operates effectively with both slow smoldering and fast burning fires in hazardous locations. It uses a solid-state infrared emitting diode (IRED) and light sensing photovoltaic cell arranged in a labyrinth assembly. The main detector enclosure contains the electronics, alarm relay, supervision relay and wiring connections. The detector operates between -4° and 140°F with a maximum air velocity of 3960 FPM. It features self-checking components resetting through momentary interruption of power.

Explosionproof Fire Alarm Pull Station

Class I, Div. 1&2, Dual Action XAL53



Approvals: UL Listed for Class I, Divisions 1 & 2, Groups C & D; Class II, Divisions 1 & 2, Groups E, F, & G; and Class III locations, ULC Listed, CSA Certified, CSFM Listed

Tech Info:
See Table Below

The XAL53 Hazardous Location Fire Alarm Pull Station is activated by lifting the front cover and pulling down the ring – an easy two-step process that prevents unintentional operation. The unit is reset by depressing shaft and returning the plate to its original position. The enclosure is made of copper-free aluminum alloy and a red textured epoxy paint is the standard finish. Conduit openings are 3/4" NPT feed-through and an internal ground screw is standard. Universal (1) normally open and (1) normally closed contact furnished standard. Bilingual nameplates are also included standard per CSA requirements.

Tech Info:

Volts	Make Amps	VA	Break Amps	VA	Continuous Carrying Amps	Volts	Make Amps	Continuous Carrying Amps
120	60	7200	6	720	10	125	1.1	10
240	30	7200	3	720	10	250	0.55	10
480	15	7200	1.5	720	10	600	0.2	10
600	12	7200	1.2	720	10			

Adaptahorn® Grille Type Explosionproof Horn

Class I, Div. 1&2, Diode Polarized
888D & 889D Series



Approvals: UL Listed for Class I, Division 1 and 2, Groups B, C, and D; Class II, Divisions 1 and 2, Groups E, F, and G; and Class III locations, UL Listed for indoor locations, CSA version available

Tech Info:

Electrical Rating: 20-24V DC, 0.16 Amps or 120V AC, 0.13 Amps
dB @10 feet: 97
Mounts on: any solid surface

Explosionproof 888D and 889D Series Adaptahorns are diode polarized heavy duty signals. They deliver high decibel vibrating signals in hazardous location applications requiring electrical supervision of signaling circuit field wiring – including fire alarm systems. They feature a wide operating voltage range, functioning from –20% to +10% of nominal voltage. The horns feature a low power drain for efficient operation over long runs. One side of the housing is tapped for 3/4" conduit to allow for field wiring – power connection wires are embedded in sealing compound. The red-colored, heat-flowed epoxy finish is corrosion resistant.

Explosionproof DC Adaptabel®

Class I, Div. 1&2
Diode Polarized, Fire Alarm
439DEX Series



Approvals: UL Listed for Class I, Divisions 1 and 2, Groups B, C, and D; Class II, Divisions 1 and 2, Groups E, F, and G; and Class III locations, CSFM Listed

Tech Info:

Electrical Rating: 24V DC, 0.24 Amps
Sizes: 6", 8" and 10" gongs
dB @10 feet: 83 (6" gong), 86 (8" gong) & 89 (10" gong)
Mounts on: any solid surface

Edwards hazardous location fire bells produce a distinctive, loud and clear ringing that is free of mechanical clatter. The striker hits the gong in continuous, rapid-fire action as long as current is applied. It is designed for indoor applications requiring supervision of signaling circuit field wiring. The bells' low power drain makes for efficient operation over long runs. They come completely assembled and feature an adjustment-free, self-compensating plunger. The weatherproof bells have a red powder coat epoxy finish and include a sealing fitting for 3/4" conduit and wire leads for power connections in hazardous locations.

AdaptaBeacon® UL 1971 Fire Alarm Explosionproof Strobe

Class I, Div. 1&2, Diode Polarized
116DEXSTC-FJ Series



Approvals: UL 1971 Listed for indoor visual signaling for the hearing impaired in non-sleeping areas, UL 1638 Listed, Type 3R, Type 4X

Tech Info:

Electrical Rating: 24V DC, 0.774–1.14 Amps
UL 1971 Light Output Rating: 60 cd
Flashes per Minute: 65
Mounts on: pendant, wall, and ceiling (Pendant bracket purchased separately)

AdaptaBeacon explosionproof strobes deliver UL 1971 performance in Class I, Div. 1 and Div. 2 locations. Factory sealed, these diode polarized signals deliver high output with low maintenance for fire alarms and other supervised circuits. The strobe tube is protected by a high impact glass dome and guard. Silicone gaskets seal out dirt and moisture and an epoxy powder coating resists corrosion. Quick-connect technology makes mounting easy and fast. (Pendant mount only.)

Hazardous Location Listings

Operating Temperature

Ambient Temp	Supply Wire Temp Marking	Class I, Div. 2 Groups A, B	Class I, Div. 1 & 2 Groups C, D	Class II & III, Div. 1 Groups E, F, G	Class II & III, Div. 2 Group G
40°C	75°C	T2D (215°C)	T6 (85°C)	T4A (120°C)	T4A (120°C)
55°C	90°C	T2C (230°C)	T6 (85°C)	T4 (135°C)	T4 (135°C)

Genesis® UL 1971 Fire Alarm Explosionproof Strobe

Class I, Div. 1&2,
EGEX-VM Series



Approvals: UL 1971 Listed for indoor visual signaling for the hearing impaired in non-sleeping areas, Type 3R, Type 4X

Tech Info:

Electrical Rating: 16–33V DC, 325 Amps
Multi-Candela Output: 15/30/75/95/177 cd
Flashes per Minute: 65
Mounts on: pendant, wall, and ceiling (Pendant mounting bracket purchased separately.)

Genesis explosionproof strobes provide highly controllable visual signaling in Class I, Div. 1 and Div. 2 locations. Diode polarized for use in electronically supervised circuits, Genesis strobes can also be synchronized to within 10 milliseconds of each other with just one optional synchronization module per circuit. These factory sealed signals offer high visual output with low maintenance. The strobe is protected by a high-impact glass dome and dome guard. Silicone gaskets seal out dirt and moisture and an epoxy powder coating resists corrosion. Quick-connect technology makes mounting easy and fast. (Pendant mount only.)

Adaptatone® Millennium Multiple Tone Signal

Class I, Div. 2, Diode Polarized for
Fire Alarm Communication,
Single Output
5530MD-24AW



Approvals: UL 464 and 1604 and 5525 Listed for indoor and outdoor applications, Type 3R, IP 44, CSFM, CE Marked, ULC 5525, TÜV Rheinland Certified

Tech Info:

Electrical Rating: 20-31V DC, 1.0 Amps

Sound Output.: up to 110 dB

Tone Capability: 27 Built in

Mounts on: 1/2" conduit or surface mounting

The heavy duty Adaptatone Millennium 5530MD-24AW multiple tone signal is a volume-controlled industrial environment unit. It is diode polarized for fire alarm systems and other electrically supervised circuit field wiring applications. A microprocessor circuit creates the 27 distinctive tones, selected by a dip switch within the unit. The signals are activated via a fire/security panel, a PLC or normally open contacts. The speaker can be rotated and locked in any horizontal direction.

6



Steam Whistles and Air Horns – signals and controls

The finest materials and precise engineering make Edwards' steam whistles and air horns a viable signaling choice. Put Edwards signals to work in your infrastructure and get your message out loud and clear.

For Steam Whistle and Air Horn
Ordering Info See Page

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Airchime® Steam Whistles

Indoor or Outdoor Use S1 Series



Edwards Airchime steam whistles may be used for general signaling applications, in indoor or outdoor applications. They generate sound by means of a resonant cylinder which resounds when a difference in pressure is caused by steam or air passing by. The coated steel or bronze finish airchimes are designed for mounting on air or steam piping supplying between 165 and 200 PSIG. They are activated by a 120V 60 Hz solenoid valve purchased separately. The whistles are single tone and frequency depends upon whistle size.

Tech Info:

Cat. No.	Frequency	dB ^C * at 100 ft	Stream Inlet NPT	Consumption lbs/sec (kg/sec)	Dimension A	Material
S1-1x2	1250	101	1/4" (6mm)	0.08 (.04)	2" (51mm)	Coated Steel
S1-2x4	740	105	1/2" (6mm)	0.10 (.05)	4" (102mm)	Coated Steel
S1-4x8	392	114	1" (6mm)	0.93 (.42)	8" (203mm)	Bronze
S1-6x12	263	115	1 1/2" (6mm)	1.58 (.72)	12" (305mm)	Bronze

*When operated @ 165 to 200 psig

Airchime® Steam Whistle Valves

Class I, Div. 1



These normally closed 120V solenoid valves activate Airchime Steam Whistles. They are designed for mounting on air or steam piping supplying between 165 and 200 PSIG. They feature a bronze body with stainless steel insert and NPT inlets.

Tech Info:

Cat. No.	Voltage	Inlet NPT
40086-N5	120V AC 60Hz	1/4" (6mm)
42086-N5	120V AC 60Hz	1/2" (13mm)
44086-N5	120V AC 60Hz	1" (25mm)
46086-N5	120V AC 60Hz	1 1/2" (38mm)

Airchime® Air Horns

Indoor or Outdoor Use C Series



Airchime air horns are general signaling devices that generate sound by means of a vibrating diaphragm that modulates the flow of compressed air in a resonating projector. Their effective range is 1/4 mile. These indoor-outdoor signals are designed for mounting on air piping supplying between 50 and 150 PSIG. The horns feature corrosion-resistant cast bronze bodies, stainless steel diaphragms, machined or spun bells, and single or dual frequency.



Tech Info:

Cat. No.	Description	Freq. (Hz)	dB(c) at 10 ft	dB(c) at 100 ft	Air Consumption	Air Pressure	Inlet NPT	Length	Net Wt
					Cu Ft/Sec (Liters/Sec)	PSIG (Kg/Sq CM)			
CA	Single tone matched bell	745	124	104	.25 (7.1)		3/8" (9.5mm)	4 3/4" (120mm)	3 lb (1.3 kg)
CA-4	Omni-directional 4 model CA horns	745	124	104	1 (28.4)		3/8" (9.5mm)	4 3/4" (120mm)	3 lb (1.3 kg)
CB	Single tone spun bell	523	117	97	.25 (7.1)	50 - 150 (5.3 - 10.5)	3/8" (9.5mm)	4 3/4" (120mm)	3 lb (1.3 kg)
C-1E	Single tone spun bell	246	117	97	.25 (7.1)		3/8" (9.5mm)	4 3/4" (120mm)	3 lb (1.3 kg)
C-12	Dual tone spun bell	246/311	118	98	.50 (14.2)		3/8" (9.5mm)	4 3/4" (120mm)	3 lb (1.3 kg)
AC30106	Post bracket for Air Horn Cat. No's CB, C-1E, C-12 and CA								

Airchime® Air Horns

Single or Dual Tone K Series



Airchime K Series air horns are general signaling devices that generate sound by means of a vibrating diaphragm that modulates the flow of compressed air in a resonating projector. Their effective range is 3/4 mile. These indoor-outdoor signals are designed for mounting on air piping supplying between 50 and 150 PSIG. The horns feature die cast aluminum construction, hermetically sealed diaphragms and volume adjustment via air pressure. They offer single or dual tones and a wide range of frequencies.



Tech Info:

Cat. No.	Description	Freq. (Hz)	dB(c) at 10 ft	dB(c) at 100 ft	Air Consumption		Inlet NPT	Length	Net Wt
					Cu Ft/Sec (Liters/Sec)				
K-1	Single tone, cast base, die cast aluminum body, 3-piece hermetically sealed stainless steel diaphragm	311	134	114	.50 (14)		1/2" (13mm)	16 1/2" (419mm)	7 1/2 lb (3.4 kg)
K-2	Same as above	370	130	110	.50 (14)		1/2" (13mm)	12 7/8" (327mm)	6 1/2 lb (2.9 kg)
K-3	Same as above	470	133	113	.50 (14)		1/2" (13mm)	10 1/4" (260mm)	6 1/4 lb (2.8 kg)
K-5	Same as above	622	132	112	.50 (14)		1/2" (13mm)	7 1/2" (191mm)	5 lb (2.2 kg)
K-12	Dual tone incorporating K1 & K2 with base	311/370	135	115	1 (28)		1/2" (13mm)	16 1/2" (419mm)	14 1/2 lb (6.5 kg)
K-25	Dual tone incorporating K2 & K5 with base	370/622	135	115	2 (56)		1/2" (13mm)	12 7/8" (327mm)	12 lb (5.4 kg)
K-12R12	Dual tone incorporating (2) K-12 Air Horns reversed for 180° coverage with base	311/370	135	115	2 (56)		3/4" (19mm)	16 1/2" (327mm)	24 1/2 lb (11.1 kg)
K-25R25	Dual tone incorporating (2) K-25 Air Horns reversed for 180° coverage with base	370/622	136	116	2 (56)		3/4" (19mm)	12 7/8" (327mm)	55 lb (24.9 kg)

Airchime® Air Horns

Single or Dual Tone K4 Series



Airchime K4 Series air horns are general signaling devices that generate sound by means of a vibrating diaphragm that modulates the flow of compressed air in a resonating projector. They project sound in four directions (every 90°) for total area coverage. Their effective range is 3/4 mile. These indoor-outdoor signals are designed for mounting on air piping supplying between 50 and 150 PSIG. The horns feature die cast aluminum construction, hermetically sealed diaphragms and volume adjustment via air pressure. They offer single or dual tones and a wide range of frequencies.

Tech Info:

Cat. No.	Description	Freq (Hz)	dB(c) at 10 ft	dB(c) at 100 ft	Air Consumption		Dimensions	Net Wt
					Cu Ft/Sec (Liters/Sec)			
K4-1	Single tone incorporating (4) K-1 air horns at 90° for 360° coverage with base	311	135	115	2 (56)		27" x 27" (685mm x 685mm)	36 lb (16.3 kg)
K4-12	Dual tone incorporating (4) K-12 air horns at 90° for 360° coverage with base	311/370	136	116	4 (112)		27" x 27" (685mm x 685mm)	62 lb (28.1 kg)
K4-25	Dual tone incorporating (4) K-25 air horns at 90° for 360° coverage with base	370/622	136	116	4 (112)		23" x 23" (584mm x 584mm)	55 lb (24.9 kg)

Airchime® Air Horns

Marine Rated KM Series



Airchime KM Series air horns are general signaling devices that generate sound by means of a vibrating diaphragm that modulates the flow of compressed air in a resonating projector. The marine rated signal's design naturally drains moisture away from the diaphragm seat. Their effective range is 1-1/4 mile. These signals are designed for mounting on air piping supplying between 50 and 150 PSIG. The single tone horns feature die cast marine aluminum construction, a solid bronze diaphragm head, and a patented, three-piece hermetically sealed diaphragm.

Tech Info:

Cat. No.	Freq. (Hz)	dB(c) at 10 ft	dB(c) at 100 ft	Air Consumption		Length	Net Wt
				Cu Ft/Sec (Liters/Sec)			
KM-135	135	141	121	2.4 (67)		42 1/8" (1070mm)	42 lb (19 kg)
KM-200	200	138	118	2.5 (43)		26 3/4" (679mm)	32 lb (14.5 kg)
KM-250	250	139	119	1.3 (38)		21 3/8" (543mm)	32 lb (14.5 kg)

Airchime® Air Horns

Marine Rated KMJ Series



Airchime KMJ Series air horns are self-contained air horns for use in applications where an air supply is not available or desirable. The KMJ Series consist of a motor directly connected to a rotary compressor. The marine rated signal's design naturally drains moisture away from the diaphragm seat. Their effective range is 1/4 mile. The single tone horns feature die cast marine aluminum construction and stainless steel fasteners. They are compliant with Coast Guard Regulations for Class IV and Class III vessel lengths (up to 75m).

Tech Info:

Cat. No.	Freq (Hz)	dB(c) at 10 ft	dB(c) at 100 ft	Air Consumption		Net Length	Wt
				Cu Ft/Sec (Liters/Sec)			
KMJ-4SC75120V AC	311	124	104	3.8 (1.9)		31 3/4" (810mm)	55 lb (25 kg)
KMJ-4SC7524V DC	311	124	104	3.8 (1.9)		29" (736.6mm)	55 lb (25 kg)
KMJ-5SC120V AC	390	121	101	3.6 (1.8)		26 1/4" (666.7mm)	55 lb (25 kg)
KMJ-5SC24V DC	391	121	101	3.6 (1.8)		26 1/4" (666.7mm)	75 lb (34 kg)

Airchime® Air Horn Control Valves

Class I, Div. 1



Approvals: UL Listed for Class I, Division 1, Groups C and D and Class II, Division 1, Groups E, F, and G, UL Approved for Closure Type 3, 4, 7, and 9 valves

These solenoid, combination, and manual control valves are designed for use with Edwards Air Horns. Solenoid valves feature local or remote operation and are hazardous location approved. Combination valves deliver manual or solenoid control for operation in the event of a power failure, and are hazardous location approved. Manual valves are manual or whistle pull activated.

Tech Info:

Cat. No.	Valve Type	Pipe Thread	Volts
10746	Solenoid	3/8" (10mm) NPT	*
10748	Solenoid	1/2" (13mm) NPT	*
10750	Solenoid	3/4" (19mm) NPT	*
10754	Solenoid	1 1/4" (32mm) NPT	*
10775	Solenoid/Manual	3/8" (10mm) NPT	*
10776	Solenoid/Manual	1/2" (13mm) NPT	*
10777	Solenoid/Manual	3/4" (19mm) NPT	*
10778	Solenoid/Manual	1 1/4" (32mm) NPT	*
10780	Manual	3/8" (10mm) NPT	-
10781	Manual	1/2" (13mm) NPT	-
10782	Manual	3/4" (19mm) NPT	-
10784	Manual	1 1/4" (32mm) NPT	-

*Specify voltage: N5-120V, G1-24V DC

Hazardous Location Definitions

The principles of sound and light apply to hazardous location signals as they do regular audible and visual signals. But, now, an added factor must be taken into consideration – the hazardous environment where the signal will be used. NOTE: Information in this section is provided to assist in signal selection only. Classification of areas in which equipment is to be located is the responsibility of the authority having jurisdiction.

The Environment

Hazardous Location Environments are those indoor or outdoor areas where a potential explosion and/or fire may exist due to the presence of flammable gases, liquids or vapors (Class I), combustible dusts (Class II), or ignitable fibers or flyings (Class III). Whatever the reason for the hazardous location to exist it is essential that every precaution be used to prevent ignition of these hazardous atmospheres.

Electricity – A Source of Ignition

An explosion in a hazardous location atmosphere may result from a simple burst of ignition energy from common electrical devices. The routine usage of circuit breakers, motor starters, contactors, switches, plugs and receptacles releases energy in the form of arcs and sparks as their contacts close and open.

The source of an ignition could come from the breakdown in an electrical system or a power surge. Sparks, arcs and heat could come from loose wire connections in a splice box, or the failure of insulation from aging or breaking. Static electricity is also a potential source of ignition.

Temperatures

Excessive equipment temperatures can cause a fire or explosion if the ignition temperature of the hazardous substance of concern is reached. Accumulations of dust, fibers or flyings can cause further increases in equipment temperatures. Ignition temperatures do not correlate with properties that define Class and Group classifications.

Hazardous Location Classifications

The following classification definitions are an interpretive summary based on the 1996 edition of the National Electrical Code (NEC, NFPA 70). Refer to the latest editions of NFPA 497M, NFPA 70 and the UL Hazardous Location Equipment Directory for current and more detailed information. See page 16-5 for additional NEC Rating information

Classes

The National Electrical Code has created three classes of hazardous location:

Class I – Hazardous Gases

Class I locations are areas in which flammable gases or vapors are or may be present in the air in quantities sufficient to produce explosive or ignitable mixtures.

Class II – Hazardous Dusts

Class II locations represent areas that are hazardous due to the presence of combustible dust.

Class III – Hazardous Fibers

Class III locations have easily ignitable fibers or flyings present, but not likely to be suspended in air in quantities sufficient to produce ignitable mixtures in the atmosphere.

Divisions

The Location Classes are broken down by the NFPA into Divisions 1 and 2, defining different levels of risk. In general, the risk of there being a hazardous presence of flammable/combustible/ignitable materials is higher for Division 1 than for Division 2. The specifics differ between the three classes (I, II and III). Equipment suitable for Division 1 is also suitable for Division 2 locations.

Groups

Class I and II locations are divided by the NFPA into Group designations identifying specific gases, vapors and dusts by characteristic similarities that relate to specific equipment construction requirements.

Class III locations are not divided into separate group designations.

Class I Groups (see NEC)

Group A. Atmospheres containing acetylene.

Group B. Atmospheres containing hydrogen, fuel and combustible process gases containing more than 30 percent hydrogen by volume, or gases or vapors of equivalent hazard such as butadiene, ethylene oxide, propylene oxide, and acrolein.

Group C. Atmospheres such as ethyl ether, ethylene, or other gases or vapors of equivalent hazard.

Group D. Atmospheres containing acetone, ammonia, benzene, butane, cyclopropane, ethanol, gasoline, hexane, methanol, methane, natural gas, naphtha (petroleum), propane, or gases or vapors of equivalent hazard.

Signaling Devices for Class I Locations

Edwards signaling devices for Class I, Division I hazardous locations are housed in enclosures that, for the marked group under normal atmospheric conditions and non-extreme ambients (-25°C to 40°C per UL), are built strong enough to contain an explosion, if a hazardous vapor of the marked group enters into the enclosure and ignites, and is constructed with joints between parts designed to inhibit the resultant flame from propagating out of the enclosure.

The external surface temperature has been evaluated by UL as not exceeding, unless otherwise indicated, 100°C in a 40°C ambient with proper electrical connections and circuit protection.

Typical Class I Hazardous Areas

- Spray painting and finishing areas (residue factors to be a consideration).
- Utility gas plants.
- Petroleum refining production plants.
- Petroleum dispensing locations.
- Dry cleaning facilities.
- Dip tanks containing combustibles or flammable liquids.
- Plant facilities extracting solvents.
- Inhalation anesthetics areas.
- Process facilities manufacturing or using pyroxylin (nitrocellulose) type plastics (Class II as well).

Class II Groups (see NEC)

Group E. Atmospheres containing combustible metal dusts, including aluminum, magnesium, and their commercial alloys, or other combustible dusts whose particle size, abrasiveness and conductivity present similar hazards in the use of electrical equipment.

Group F. Atmospheres containing combustible carbonaceous dusts, including carbon black, charcoal, coal, or dusts that have been sensitized by other materials so that they present an explosion hazard.

Group G. Atmospheres containing combustible dusts not included in Group E or F, including flour, grain, wood, plastic, and chemicals.

Signaling Devices for Class II Locations

Edwards Class II, Division 1 signaling devices have enclosures designed to inhibit entrance of the dust of its marked group to ignition sources inside the signaling device and inhibit escape of sparks from arcing contacts from within the device to the outside of its enclosure. The same temperature information as for Class I, Division 1 signaling devices applies with the additional consideration of the effects of dust accumulation.

Typical Class II Hazardous Areas

- Flour mills.
- Feed mills.
- Grain elevators and grain handling facilities.
- Aluminum manufacturing and storage areas.
- Magnesium manufacturing and storage areas.
- Coal preparation and handling facilities.
- Starch manufacturing and storage areas.
- Confectionery plants.
- Pulverizer sugar and cocoa manufacturing, and storage plants.
- Spice grinding and storage plants.

Signaling Devices for Class III

Edwards Class III, Division 1 signal enclosures are designed to inhibit the entrance of fibers and flyings and the escape of sparks from arcing contacts. Same temperature information as for Class II, Div. 1 signaling devices.

Typical Class III Hazardous Areas

- Textile mills.
- Woodworking plants & furniture manufacturers, except if wood flour (dust) is present.*
- Cotton gins.
- Cotton seed milling plants.
- Flax plants.
- Carpet manufacturers.

*Wood flour (dust) is Class II, Group G.

Identification of Equipment Classification

The National Electrical Code has established certain equipment marking requirements so that the suitability of equipment for a particular environment can be readily determined in the field. Equipment marked as suitable for Division 1 is also suitable for Division 2 when installed in accordance with Division 1 requirements. If the equipment is marked for both Division 1 and Division 2, it can be installed in a Division 2 location without the provisions for a Division 1 environment.

Equipment suitable for Class II, Group G, Division 1 locations is also suitable for Class III locations, except for fan-cooled devices where fibers or flyings will reduce the effectiveness of the forced air cooling system.

Identification of Heat Producing Equipment

A T-Code identification numbering system has been developed which correlates to the equipment temperatures. This information is important in assessing if the equipment can reach the ignition temperatures of the hazardous atmosphere. Refer to NEC Hazardous Locations section for this table.

Selection of Signals for Hazardous Locations

The signal selected should be UL Listed and marked for at least the same Hazardous Location Classifications dictated by the application, and its marking should indicate a temperature less than the ignition temperature of the hazardous substance.

Audible Considerations

The signal selected should be 10 dB higher than the ambient noise level and be as different from the background noise as possible. Several well placed signals are generally better than one large centrally located signal.

Visual Considerations

Edwards Strobe and Rotating Beacons are particularly effective in high noise level areas, especially where ear protection must be worn and audible signals may not be heard or understood. They may also be used in conjunction with audible signals to fortify the meaning of the signal.

The reaction you want from your personnel should determine the type of Hazardous Location Signal selected. The previous information is a basic introduction to the selection of Hazardous Location signals. For further details and conditions of listing, consult the NFPA and their publications, such as NFPA 70 (National Electrical Code) and NFPA 497M (Classification of Gases, Vapors and Dusts for Electrical Equipment in Hazardous (classified) Locations), and the UL Hazardous Location Equipment Directory. Your local Edwards Signaling Representative can also help provide solutions to your hazardous location requirements.

Airchime® Air Horns

Edwards air horns and steam whistles may be supplied with solenoid valves, making them ideal for use in mines, refineries, chemical plants and other indoor or outdoor hazardous locations where a differentiated, easily heard tone is required.

NOTE: An appropriate solenoid suitable for the hazardous locations must be used.

NOTE: Information in this section is provided to assist in signal selection only. Classification of areas in which equipment is to be located is the responsibility of the authority having jurisdiction.

NEMA Definitions

A brief description of the more common types of enclosures used by the electrical industry relating to their environmental capabilities follows. Please refer to the appropriate sections of the latest revision of NEMA Standards Publication No. 250 for complete information regarding applications, features and design tests.

Definitions Pertaining to Non-hazardous Locations

Type 1 Enclosures

Intended for use primarily to provide a degree of protection against limited amounts of falling dirt.

Type 3 Enclosures

Intended for outdoor use primarily to provide a degree of protection against rain, sleet, windblown dust, and damage from external ice formation.

Type 3R Enclosures

Intended for outdoor use primarily to provide a degree of protection against rain, sleet, and damage from external ice formation.

Type 3S Enclosures

Intended for outdoor use primarily to provide a degree of protection against rain, sleet, windblown dust, and to provide for operation of external mechanisms when ice-laden.

Type 4 Enclosures

Intended for indoor or outdoor use primarily to provide a degree of protection against windblown dust and rain, splashing water, hose-directed water, and damage from external ice formation.

Type 4X Enclosures

Intended for indoor or outdoor use primarily to provide a degree of protection against corrosion, windblown dust and rain, splashing water, hose-directed water, and damage from ice formation.

Type 6 Enclosures

Intended for indoor or outdoor use primarily to provide a degree of protection against hose-directed water, the entry of water during occasional temporary submersion at a limited depth, and damage from external ice formation.

Type 6P Enclosures

Intended for indoor or outdoor use primarily to provide a degree of protection against hose-directed water, the entry of water during prolonged submersion at a limited depth, and damage from external ice formation.

Type 7 Enclosures

Intended for indoor use in locations classified as Class I, Groups A, B, C, or D, as defined in the National Electrical Code.

Type 8 Enclosures

Intended for indoor or outdoor use in locations classified as Class I, Groups A, B, C, or D, as defined in the National Electrical Code.

Type 9 Enclosures

Intended for indoor use in locations classified as Class II, Groups E, F, or G, as defined in the National Electrical Code.

Type 10 Enclosures

Constructed to meet the applicable requirements of the Mine Safety and Health Administration.

Type 12 Enclosures

Intended for indoor use primarily to provide a degree of protection against circulating dust, falling dirt, and dripping non-corrosive liquids.

Type 12K Enclosures

Type 12 with knockouts.

Principles of Sound

Rapid variations in air pressure cause vibrations in the eardrum. These vibrations are perceived as sound. Essentially, sound has the following basic characteristics: frequency or pitch, and magnitude or volume (sound pressure).

The rate at which variations in air pressure occurs is referred to as frequency and is expressed in cycles per second (cps) or Hertz (Hz). (The human ear is capable of hearing sounds produced in the 20 to 20,000 Hertz range.)

The Effect of Distance on Sound Pressure

Sound pressure levels in excess of 120 dB may be painful. Above 150 dB they can result in ear damage. Under atmospheric conditions, the maximum sound pressure level attainable is 194 dB.

Sound pressure fluctuations diminish or die out with increasing distance from the sound source. A distance must generally be specified along with the dB rating to fully describe a sound.

The chart below shows how the sound pressure level changes with distance under ideal conditions. Sound absorbing or reflecting materials in the vicinity of the sound can modify the curve.

The sound pressure level changes 6 dB for each halving or doubling of distance. For a change in distance of ten times, the sound pressure level changes 20 dB.

The Nomograph can be used to calculate dB over distance.

Typical dB Levels When Selecting Audible Signals

In specifying a signaling device, all of the above characteristics should be considered along with as many factors concerning the application as can be gathered. Selecting the proper device for each signaling application need not be difficult if the following points are observed.

1. Signal Function. Basically, the types of functions to which signals can be applied are: general alarm or emergency, start and dismissal, paging or coding, localized danger, and indication.

The first step in selecting a signal is to carefully define this function. Is the signal to be a warning, a call, or an instruction? Will it be used to protect life or property? How much time will be available to take action?

Obviously, the more critical the application, the more startling the signal generated must be. A horn is generally the most startling signal. Its rasping tone commands immediate attention. A single stroke bell can be used for paging applications where danger is not at hand. A small buzzer may serve to notify a machine operator that a particular operation is completed.

2. Uniform Sound Distribution: Usually, better signal distribution can be achieved by carefully positioning a number of smaller signals throughout a given area than by centrally locating a single large unit.

3. Ambient Sound Conditions: The frequency of the signaling device selected should be as different from the background noise as possible. The signal should override this noise by a minimum of six decibels. Usually, the noisier the area, the louder the signal required and the greater the number required. Over the years, horns and bells have been the most popular signals because their varied tones can be heard over most ambient conditions. See Table 1 below for typical dB levels associated with various activities.

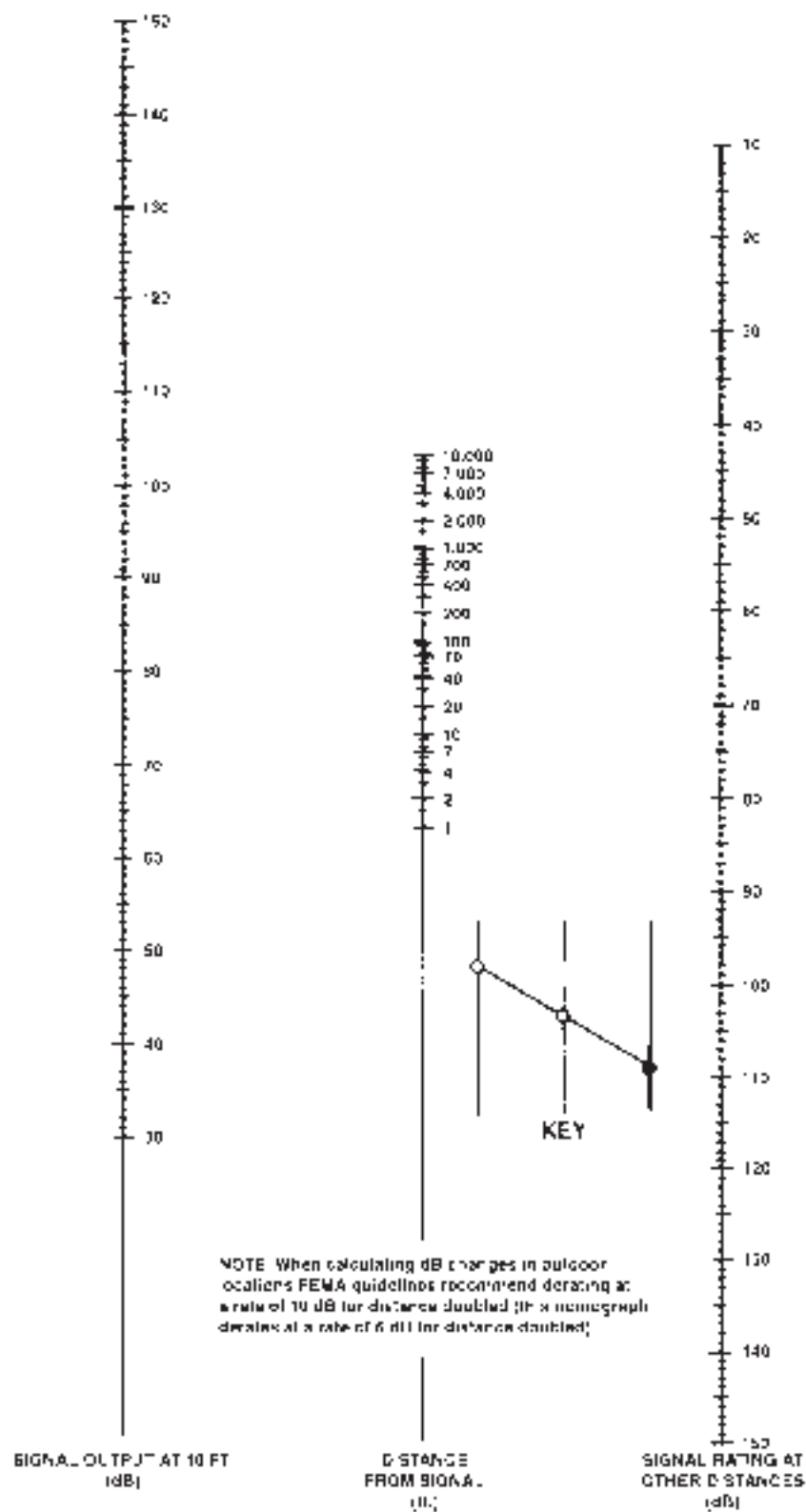
4. Size of Area to be Covered: The larger the area, the louder the signal required or the greater the number of units required. Better coverage is frequently obtained by the use of several signals of lower dB rating than by the use of one very loud signal, providing the signals can be positioned to advantage.

5. Mounting Considerations: The surface that the signal is mounted on can markedly affect the signal's performance. A horn, for example, should be rigidly mounted to a sturdy surface so that all of its energy is directed into the sound output and not absorbed by the wall. A buzzer, however, can sound much louder if mounted on a resonant surface because it will act as a sound board for the buzzer.

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Table 1

Reaction	dB	Source
Very loud	130-140	Jack hammer at 4 feet
Loud	80-90	Stamping factory
Moderate	70-75	Normal conversation at 3 feet
Quiet	40-50	Hospital room
Very Quiet	20-30	Whisper at 3 feet



Item No.	Description	Voltage	Color
FLASHING INCANDESCENT LIGHT			
48FINA-E1		12V DC	Amber
48FINA-G1-20WH		24V DC	Amber
48FINA-G5-20WH		24V AC 50/60 Hz	Amber
48FINA-N5-25WH		120V AC 50/60 Hz	Amber
48FINB-E1		12V DC	Blue
48FINB-G1-20WH		24V DC	Blue
48FINB-G5-20WH		24V AC 50/60 Hz	Blue
48FINB-N5-25WH		120V AC 50/60 Hz	Blue
48FINC-E1		12V DC	Clear
48FINC-G1-20WH		24V DC	Clear
48FINC-G5-20WH		24V AC 50/60 Hz	Clear
48FINC-N5-25WH		120V AC 50/60 Hz	Clear
48FING-E1		12V DC	Green
48FING-G1-20WH		24V DC	Green
48FING-G5-20WH		24V AC 50/60 Hz	Green
48FING-N5-25WH		120V AC 50/60 Hz	Green
48FINM-E1		12V DC	Magenta
48FINM-G1-20WH		24V DC	Magenta
48FINM-G5-20WH		24V AC 50/60 Hz	Magenta
48FINM-N5-25WH		120V AC 50/60 Hz	Magenta
48FINR-E1		12V DC	Red
48FINR-G1-20WH		24V DC	Red
48FINR-G5-20WH		24V AC 50/60 Hz	Red
48FINR-N5-25WH		120V AC 50/60 Hz	Red
FLASHING LED LIGHT			
48FLEDA-G1		24V DC	Amber
48FLEDA-N5		120V AC 50/60 Hz	Amber
48FLEDB-G1		24V DC	Blue
48FLEDB-N5		120V AC 50/60 Hz	Blue
48FLEDG-G1		24V DC	Green
48FLEDG-N5		120V AC 50/60 Hz	Green
48FLEDR-G1		24V DC	Red
48FLEDR-N5		120V AC 50/60 Hz	Red
STEADY-ON INCANDESCENT LIGHT			
48SINA-E1		12V DC	Amber
48SINA-G1-20WH		24V DC	Amber
48SINA-G5-20WH		24V AC 50/60 Hz	Amber
48SINA-N5-25WH		120V AC 50/60 Hz	Amber
48SINB-E1		12V DC	Blue
48SINB-G1-20WH		24V DC	Blue
48SINB-G5-20WH		24V AC 50/60 Hz	Blue
48SINB-N5-25WH		120V AC 50/60 Hz	Blue
48SINC-E1		12V DC	Clear
48SINC-G1-20WH		24V DC	Clear
48SINC-G5-20WH		24V AC 50/60 Hz	Clear
48SINC-N5-25WH		120V AC 50/60 Hz	Clear
48SING-E1		12V DC	Green
48SING-G1-20WH		24V DC	Green
48SING-G5-20WH		24V AC 50/60 Hz	Green
48SING-N5-25WH		120V AC 50/60 Hz	Green
48SINM-E1		12V DC	Magenta
48SINM-G1-20WH		24V DC	Magenta
48SINM-G5-20WH		24V AC 50/60 Hz	Magenta
48SINM-N5-25WH		120V AC 50/60 Hz	Magenta
48SINR-E1		12V DC	Red
48SINR-G1-20WH		24V DC	Red
48SINR-G5-20WH		24V AC 50/60 Hz	Red
48SINR-N5-25WH		120V AC 50/60 Hz	Red
STEADY-ON LED LIGHT			
48SLEDA-G1		24V DC	Amber
48SLEDA-N5		120V AC 50/60 Hz	Amber
48SLEDB-G1		24V DC	Blue
48SLEDB-N5		120V AC 50/60 Hz	Blue
48SLEDG-G1		24V DC	Green
48SLEDG-N5		120V AC 50/60 Hz	Green
48SLEDR-G1		24V DC	Red
48SLEDR-N5		120V AC 50/60 Hz	Red
FLASHING BEACON			
49A-N5-40WH		120V AC 50/60 Hz	Amber
49A-R5		240V AC 50/60 Hz	Amber
49B-N5-40WH		120V AC 50/60 Hz	Blue
49B-R5		240V AC 50/60 Hz	Blue
49C-N5-40WH		120V AC 50/60 Hz	Clear
49C-R5		240V AC 50/60 Hz	Clear
49G-N5-40WH		120V AC 50/60 Hz	Green
49G-R5		240V AC 50/60 Hz	Green
49M-N5-40WH		120V AC 50/60 Hz	Magenta
49M-R5		240V AC 50/60 Hz	Magenta

Item No.	Description	Voltage	Color
FLASHING BEACON			
49R-N5-40WH		120V AC 50/60 Hz	Red
49R-R5		240V AC 50/60 Hz	Red
ROTATING INCANDESCENT LIGHT			
52A-G5-20WH		24V AC 50/60 Hz	Amber
52A-N5-40WH		120V AC 50/60 Hz	Amber
52A-R5		240V AC 50/60 Hz	Amber
52B-G5-20WH		24V AC 50/60 Hz	Blue
52B-N5-40WH		120V AC 50/60 Hz	Blue
52B-R5		240V AC 50/60 Hz	Blue
52C-G5-20WH		24V AC 50/60 Hz	Clear
52C-N5-40WH		120V AC 50/60 Hz	Clear
52C-R5		240V AC 50/60 Hz	Clear
52G-G5-20WH		24V AC 50/60 Hz	Green
52G-N5-40WH		120V AC 50/60 Hz	Green
52G-R5		240V AC 50/60 Hz	Green
52M-G5-20WH		24V AC 50/60 Hz	Magenta
52M-N5-40WH		120V AC 50/60 Hz	Magenta
52M-R5		240V AC 50/60 Hz	Magenta
52R-G5-20WH		24V AC 50/60 Hz	Red
52R-N5-40WH		120V AC 50/60 Hz	Red
52R-R5		240V AC 50/60 Hz	Red
53A-E1		12V DC	Amber
53A-G1		24V DC	Amber
53B-E1		12V DC	Blue
53B-G1		24V DC	Blue
53C-E1		12V DC	Clear
53C-G1		24V DC	Clear
53G-E1		12V DC	Green
53G-G1		24V DC	Green
53R-E1		12V DC	Red
53R-G1		24V DC	Red
53DC-GW	Diode Polarized	24 - 28V DC	Clear
53DR-GW	Diode Polarized	24 - 28V DC	Red
HEAVY DUTY DOUBLE FLASH STROBE			
57EDFA-G1		24V DC	Amber
57EDFA-N5		120V AC 50/60 Hz	Amber
57EDFA-R5		240V AC 50/60 Hz	Amber
57EDFB-G1		24V DC	Blue
57EDFB-N5		120V AC 50/60 Hz	Blue
57EDFB-R5		240V AC 50/60 Hz	Blue
57EDFC-G1		24V DC	Clear
57EDFC-N5		120V AC 50/60 Hz	Clear
57EDFC-R5		240V AC 50/60 Hz	Clear
57EDFG-G1		24V DC	Green
57EDFG-N5		120V AC 50/60 Hz	Green
57EDFG-R5		240V AC 50/60 Hz	Green
57EDFR-G1		24V DC	Red
57EDFR-N5		120V AC 50/60 Hz	Red
57EDFR-R5		240V AC 50/60 Hz	Red
ROTATING HALOGEN BEACON, 100W			
58A-N5-100WH		120V AC 50/60 Hz	Amber
58B-N5-100WH		120V AC 50/60 Hz	Blue
58C-N5-100WH		120V AC 50/60 Hz	Clear
58G-N5-100WH		120V AC 50/60 Hz	Green
58M-N5-100WH		120V AC 50/60 Hz	Magenta
58R-N5-100WH		120V AC 50/60 Hz	Red
LIGHT DUTY STROBE LIGHT			
90A-N5		120V AC 50/60 Hz	Amber
90B-N5		120V AC 50/60 Hz	Blue
90C-N5		120V AC 50/60 Hz	Clear
90G-N5		120V AC 50/60 Hz	Green
90M-N5		120V AC 50/60 Hz	Magenta
90R-N5		120V AC 50/60 Hz	Red
92A-R5		240V AC 50/60 Hz	Amber
92A-S1		250V DC	Amber
92B-R5		240V AC 50/60 Hz	Blue
92B-S1		250V DC	Blue
92C-R5		240V AC 50/60 Hz	Clear
92C-S1		250V DC	Clear
92G-R5		240V AC 50/60 Hz	Green
92G-S1		250V DC	Green
92M-R5		240V AC 50/60 Hz	Magenta
92M-S1		250V DC	Magenta
92R-R5		240V AC 50/60 Hz	Red
92R-S1		250V DC	Red

Item No.	Description	Voltage	Color
HEAVY DUTY STROBE LIGHT			
93A-N5	Single Flash	120V AC 50/60 Hz	Amber
93A-R5	Single Flash	240V AC 50/60 Hz	Amber
93B-N5	Single Flash	120V AC 50/60 Hz	Blue
93B-R5	Single Flash	240V AC 50/60 Hz	Blue
93C-N5	Single Flash	120V AC 50/60 Hz	Clear
93C-R5	Single Flash	240V AC 50/60 Hz	Clear
93G-N5	Single Flash	120V AC 50/60 Hz	Green
93G-R5	Single Flash	240V AC 50/60 Hz	Green
93M-N5	Single Flash	120V AC 50/60 Hz	Magenta
93M-R5	Single Flash	240V AC 50/60 Hz	Magenta
93R-N5	Single Flash	120V AC 50/60 Hz	Red
93R-R5	Single Flash	240V AC 50/60 Hz	Red
93DFA-N5	Double Flash	120V AC 50/60 Hz	Amber
93DFA-R5	Double Flash	240V AC 50/60 Hz	Amber
93DFB-N5	Double Flash	120V AC 50/60 Hz	Blue
93DFB-R5	Double Flash	240V AC 50/60 Hz	Blue
93DFC-N5	Double Flash	120V AC 50/60 Hz	Clear
93DFC-R5	Double Flash	240V AC 50/60 Hz	Clear
93DFG-N5	Double Flash	120V AC 50/60 Hz	Green
93DFG-R5	Double Flash	240V AC 50/60 Hz	Green
93DFM-N5	Double Flash	120V AC 50/60 Hz	Magenta
93DFM-R5	Double Flash	240V AC 50/60 Hz	Magenta
93DFR-N5	Double Flash	120V AC 50/60 Hz	Red
93DFR-R5	Double Flash	240V AC 50/60 Hz	Red
94A-N5	Single Flash	120V AC 50/60 Hz	Amber
94A-R5	Single Flash	240V AC 50/60 Hz	Amber
94B-N5	Single Flash	120V AC 50/60 Hz	Blue
94B-R5	Single Flash	240V AC 50/60 Hz	Blue
94C-N5	Single Flash	120V AC 50/60 Hz	Clear
94C-R5	Single Flash	240V AC 50/60 Hz	Clear
94G-N5	Single Flash	120V AC 50/60 Hz	Green
94G-R5	Single Flash	240V AC 50/60 Hz	Green
94M-N5	Single Flash	120V AC 50/60 Hz	Magenta
94M-R5	Single Flash	240V AC 50/60 Hz	Magenta
94R-N5	Single Flash	120V AC 50/60 Hz	Red
94R-R5	Single Flash	240V AC 50/60 Hz	Red
94DFA-N5	Double Flash	120V AC 50/60 Hz	Amber
94DFA-R5	Double Flash	240V AC 50/60 Hz	Amber
94DFB-N5	Double Flash	120V AC 50/60 Hz	Blue
94DFB-R5	Double Flash	240V AC 50/60 Hz	Blue
94DFC-N5	Double Flash	120V AC 50/60 Hz	Clear
94DFC-R5	Double Flash	240V AC 50/60 Hz	Clear
94DFG-N5	Double Flash	120V AC 50/60 Hz	Green
94DFG-R5	Double Flash	240V AC 50/60 Hz	Green
94DFM-N5	Double Flash	120V AC 50/60 Hz	Magenta
94DFM-R5	Double Flash	240V AC 50/60 Hz	Magenta
94DFR-N5	Double Flash	120V AC 50/60 Hz	Red
94DFR-R5	Double Flash	240V AC 50/60 Hz	Red
94DDV2A-G1	Diode Polarized, Division 2	24V DC	Amber
94DDV2B-G1	Diode Polarized, Division 2	24V DC	Blue
94DDV2C-G1	Diode Polarized, Division 2	24V DC	Clear
94DDV2G-G1	Diode Polarized, Division 2	24V DC	Green
94DDV2M-G1	Diode Polarized, Division 2	24V DC	Magenta
94DDV2R-G1	Diode Polarized, Division 2	24V DC	Red
94DV2A-N5	Division 2	120V AC 50/60 Hz	Amber
94DV2B-N5	Division 2	120V AC 50/60 Hz	Blue
94DV2C-N5	Division 2	120V AC 50/60 Hz	Clear
94DV2G-N5	Division 2	120V AC 50/60 Hz	Green
94DV2M-N5	Division 2	120V AC 50/60 Hz	Magenta
94DV2R-N5	Division 2	120V AC 50/60 Hz	Red
LIGHT DUTY STROBE LIGHT			
96BA-N5		120V AC 50/60 Hz	Amber
96BA-R5		240V AC 50/60 Hz	Amber
96BB-N5		120V AC 50/60 Hz	Blue
96BB-R5		240V AC 50/60 Hz	Blue
96BC-N5		120V AC 50/60 Hz	Clear
96BC-R5		240V AC 50/60 Hz	Clear
96BG-N5		120V AC 50/60 Hz	Green
96BG-R5		240V AC 50/60 Hz	Green
96BM-N5		120V AC 50/60 Hz	Magenta
96BM-R5		240V AC 50/60 Hz	Magenta
96BR-N5		120V AC 50/60 Hz	Red
96BR-R5		240V AC 50/60 Hz	Red
96DV2A-N5	Division 2	120V AC 50/60 Hz	Amber
96DV2B-N5	Division 2	120V AC 50/60 Hz	Blue
96DV2C-N5	Division 2	120V AC 50/60 Hz	Clear
96DV2G-N5	Division 2	120V AC 50/60 Hz	Green
96DV2M-N5	Division 2	120V AC 50/60 Hz	Magenta
96DV2R-N5	Division 2	120V AC 50/60 Hz	Red

Item No.	Description	Voltage	Color
HEAVY DUTY STROBE LIGHT			
97A-EK	Single Flash	12 - 48V DC	Amber
97A-MP	Single Flash	72-125V DC	Amber
97B-EK	Single Flash	12 - 48V DC	Blue
97B-MP	Single Flash	72-125V DC	Blue
97C-EK	Single Flash	12 - 48V DC	Clear
97C-MP	Single Flash	72-125V DC	Clear
97G-EK	Single Flash	12 - 48V DC	Green
97G-MP	Single Flash	72-125V DC	Green
97M-EK	Single Flash	12 - 48V DC	Magenta
97M-MP	Single Flash	72-125V DC	Magenta
97R-EK	Single Flash	12 - 48V DC	Red
97R-MP	Single Flash	72-125V DC	Red
97DFA-EK	Double Flash	12 - 48V DC	Amber
97DFA-MP	Double Flash	72-125V DC	Amber
97DFB-EK	Double Flash	12 - 48V DC	Blue
97DFB-MP	Double Flash	72-125V DC	Blue
97DFC-EK	Double Flash	12 - 48V DC	Clear
97DFC-MP	Double Flash	72-125V DC	Clear
97DFG-EK	Double Flash	12 - 48V DC	Green
97DFG-MP	Double Flash	72-125V DC	Green
97DFM-EK	Double Flash	12 - 48V DC	Magenta
97DFM-MP	Double Flash	72-125V DC	Magenta
97DFR-EK	Double Flash	12 - 48V DC	Red
97DFR-MP	Double Flash	72-125V DC	Red
LIGHT DUTY STROBE LIGHT			
98BA-E1		12V DC	Amber
98BA-FY		36V DC	Amber
98BA-G1		24V DC	Amber
98BB-E1		12V DC	Blue
98BB-FY		36V DC	Blue
98BB-G1		24V DC	Blue
98BC-E1		12V DC	Clear
98BC-FY		36V DC	Clear
98BC-G1		24V DC	Clear
98BG-E1		12V DC	Green
98BG-FY		36V DC	Green
98BG-G1		24V DC	Green
98BM-E1		12V DC	Magenta
98BM-FY		36V DC	Magenta
98BM-G1		24V DC	Magenta
98BR-E1		12V DC	Red
98BR-FY		36V DC	Red
98BR-G1		24V DC	Red
99BA-E1		12V DC	Amber
99BB-E1		12V DC	Blue
99BG-E1		12V DC	Green
99BR-E1		12V DC	Red
PATHFINDER™ ROTATING BEACON WITH TWIN SEALED BEAMS			
100SBA-N5		120V AC 50/60 Hz	Amber
100SBB-N5		120V AC 50/60 Hz	Blue
100SBC-N5		120V AC 50/60 Hz	Clear
100SBG-N5		120V AC 50/60 Hz	Green
100SBR-N5		120V AC 50/60 Hz	Red
CHAMELEON™ LED MULTISTATUS INDICATOR			
103I-RBA-G1		24V DC	Red, Blue, Amber
103I-RBA-N5		120V AC 50/60 Hz	Red, Blue, Amber
103I-RGA-G1		24V DC	Red, Green, Amber
103I-RGA-N5		120V AC 50/60 Hz	Red, Green, Amber
103-RBA-G1		24V DC	Red, Blue, Amber
103-RBA-N5		120V AC 50/60 Hz	Red, Blue, Amber
103-RGA-G1		24V DC	Red, Green, Amber
103-RGA-N5		120V AC 50/60 Hz	Red, Green, Amber
HALOGEN FLASHING LIGHT			
104FINHA-G1		24V DC	Amber
104FINHA-G5		24V AC 50/60 Hz	Amber
104FINHA-N5		120V AC 50/60 Hz	Amber
104FINHB-G1		24V DC	Blue
104FINHB-G5		24V AC 50/60 Hz	Blue
104FINHB-N5		120V AC 50/60 Hz	Blue
104FINHC-G1		24V DC	Clear
104FINHC-G5		24V AC 50/60 Hz	Clear
104FINHC-N5		120V AC 50/60 Hz	Clear

Item No.	Description	Voltage	Color
HALOGEN FLASHING LIGHT			
104FINHG-G1		24V DC	Green
104FINHG-G5		24V AC 50/60 Hz	Green
104FINHG-N5		120V AC 50/60 Hz	Green
104FINHR-G1		24V DC	Red
104FINHR-G5		24V AC 50/60 Hz	Red
104FINHR-N5		120V AC 50/60 Hz	Red
LED FLASHING LIGHT			
104FLEDA-G1		24V DC	Amber
104FLEDA-N5		120V AC 50/60 Hz	Amber
104FLEDB-G1		24V DC	Blue
104FLEDB-N5		120V AC 50/60 Hz	Blue
104FLEDG-G1		24V DC	Green
104FLEDG-N5		120V AC 50/60 Hz	Green
104FLEDR-G1		24V DC	Red
104FLEDR-N5		120V AC 50/60 Hz	Red
HALOGEN STEADY-ON LIGHT			
104SINHA-G1		24V DC	Amber
104SINHA-G5		24V AC 50/60 Hz	Amber
104SINHA-N5		120V AC 50/60 Hz	Amber
104SINHB-G1		24V DC	Blue
104SINHB-G5		24V AC 50/60 Hz	Blue
104SINHB-N5		120V AC 50/60 Hz	Blue
104SINHC-G1		24V DC	Clear
104SINHC-G5		24V AC 50/60 Hz	Clear
104SINHC-N5		120V AC 50/60 Hz	Clear
104SINHG-G1		24V DC	Green
104SINHG-G5		24V AC 50/60 Hz	Green
104SINHG-N5		120V AC 50/60 Hz	Green
104SINHR-G1		24V DC	Red
104SINHR-G5		24V AC 50/60 Hz	Red
104SINHR-N5		120V AC 50/60 Hz	Red
LED STEADY-ON LIGHT			
104SLEDA-G1		24V DC	Amber
104SLEDA-N5		120V AC 50/60 Hz	Amber
104SLEDB-G1		24V DC	Blue
104SLEDB-N5		120V AC 50/60 Hz	Blue
104SLEDG-G1		24V DC	Green
104SLEDG-N5		120V AC 50/60 Hz	Green
104SLEDR-G1		24V DC	Red
104SLEDR-N5		120V AC 50/60 Hz	Red
STROBE FLASHING LIGHT			
104STA-N5		120V AC 50/60 Hz	Amber
104STB-N5		120V AC 50/60 Hz	Blue
104STC-N5		120V AC 50/60 Hz	Clear
104STG-N5		120V AC 50/60 Hz	Green
104STR-N5		120V AC 50/60 Hz	Red
105 SERIES MOUNTING ATTACHMENTS			
105BM	Wall Mount Bracket		
105BX	Outlet Box Attachment		
DIODE POLARIZED HIGH INTENSITY STROBE			
105DHISTA-FJ		24V DC	Amber
105DHISTB-FJ		24V DC	Blue
105DHISTC-FJ		24V DC	Clear
105DHISTG-FJ		24V DC	Green
105DHISTM-FJ		24V DC	Magenta
105DHISTR-FJ		24V DC	Red
HALOGEN FLASHING LIGHT			
105FINHA-G1		24V DC	Amber
105FINHA-G5		24V AC 50/60 Hz	Amber
105FINHA-N5		120V AC 50/60 Hz	Amber
105FINHB-G1		24V DC	Blue
105FINHB-G5		24V AC 50/60 Hz	Blue
105FINHB-N5		120V AC 50/60 Hz	Blue
105FINHC-G1		24V DC	Clear
105FINHC-G5		24V AC 50/60 Hz	Clear
105FINHC-N5		120V AC 50/60 Hz	Clear
105FINHG-G1		24V DC	Green
105FINHG-G5		24V AC 50/60 Hz	Green
105FINHG-N5		120V AC 50/60 Hz	Green
105FINHM-G1		24V DC	Magenta
105FINHM-G5		24V AC 50/60 Hz	Magenta
105FINHM-N5		120V AC 50/60 Hz	Magenta
105FINHR-G1		24V DC	Red
105FINHR-G5		24V AC 50/60 Hz	Red
105FINHR-N5		120V AC 50/60 Hz	Red
LED FLASHING LIGHT			
105FLEDA-G1		24V DC	Amber
105FLEDA-N5		120V AC 50/60 Hz	Amber
105FLEDB-G1		24V DC	Blue

Item No.	Description	Voltage	Color
LED FLASHING LIGHT			
105FLEDB-N5		120V AC 50/60 Hz	Blue
105FLEDG-G1		24V DC	Green
105FLEDG-N5		120V AC 50/60 Hz	Green
105FLEDR-G1		24V DC	Red
105FLEDR-N5		120V AC 50/60 Hz	Red
HIGH-INTENSITY STROBE			
105HISTA-EK		12-48V DC	Amber
105HISTA-N5		120V AC 50/60 Hz	Amber
105HISTA-R5		240V AC 50/60 Hz	Amber
105HISTB-EK		12-48V DC	Blue
105HISTB-N5		120V AC 50/60 Hz	Blue
105HISTB-R5		240V AC 50/60 Hz	Blue
105HISTC-EK		12-48V DC	Clear
105HISTC-N5		120V AC 50/60 Hz	Clear
105HISTC-R5		240V AC 50/60 Hz	Clear
105HISTG-EK		12-48V DC	Green
105HISTG-N5		120V AC 50/60 Hz	Green
105HISTG-R5		240V AC 50/60 Hz	Green
105HISTM-EK		12-48V DC	Magenta
105HISTM-N5		120V AC 50/60 Hz	Magenta
105HISTM-R5		240V AC 50/60 Hz	Magenta
105HISTR-EK		12-48V DC	Red
105HISTR-N5		120V AC 50/60 Hz	Red
105HISTR-R5		240V AC 50/60 Hz	Red
HALOGEN STEADY-ON LIGHT			
105SINHA-G1		24V DC	Amber
105SINHA-G5		24V AC 50/60 Hz	Amber
105SINHA-N5		120V AC 50/60 Hz	Amber
105SINHB-G1		24V DC	Blue
105SINHB-G5		24V AC 50/60 Hz	Blue
105SINHB-N5		120V AC 50/60 Hz	Blue
105SINHC-G1		24V DC	Clear
105SINHC-G5		24V AC 50/60 Hz	Clear
105SINHC-N5		120V AC 50/60 Hz	Clear
105SINHG-G1		24V DC	Green
105SINHG-G5		24V AC 50/60 Hz	Green
105SINHG-N5		120V AC 50/60 Hz	Green
105SINHM-G1		24V DC	Magenta
105SINHM-G5		24V AC 50/60 Hz	Magenta
105SINHM-N5		120V AC 50/60 Hz	Magenta
105SINHR-G1		24V DC	Red
105SINHR-G5		24V AC 50/60 Hz	Red
105SINHR-N5		120V AC 50/60 Hz	Red
LED STEADY-ON LIGHT			
105SLEDA-G1		24V DC	Amber
105SLEDA-N5		120V AC 50/60 Hz	Amber
105SLEDB-G1		24V DC	Blue
105SLEDB-N5		120V AC 50/60 Hz	Blue
105SLEDG-G1		24V DC	Green
105SLEDG-N5		120V AC 50/60 Hz	Green
105SLEDR-G1		24V DC	Red
105SLEDR-N5		120V AC 50/60 Hz	Red
STROBE LIGHT			
105STA-G1		24V DC	Amber
105STA-N5		120V AC 50/60 Hz	Amber
105STA-R5		240V AC 50/60 Hz	Amber
105STB-G1		24V DC	Blue
105STB-N5		120V AC 50/60 Hz	Blue
105STB-R5		240V AC 50/60 Hz	Blue
105STC-G1		24V DC	Clear
105STC-N5		120V AC 50/60 Hz	Clear
105STC-R5		240V AC 50/60 Hz	Clear
105STG-G1		24V DC	Green
105STG-N5		120V AC 50/60 Hz	Green
105STG-R5		240V AC 50/60 Hz	Green
105STM-G1		24V DC	Magenta
105STM-N5		120V AC 50/60 Hz	Magenta
105STM-R5		240V AC 50/60 Hz	Magenta
105STR-G1		24V DC	Red
105STR-N5		120V AC 50/60 Hz	Red
105STR-R5		240V AC 50/60 Hz	Red
DIODE POLARIZED DIVISION 2 STROBE			
107DDV2BSTA-G1	Bracket Mount	24V DC	Amber
107DDV2BSTB-G1	Bracket Mount	24V DC	Blue
107DDV2BSTC-G1	Bracket Mount	24V DC	Clear
107DDV2BSTG-G1	Bracket Mount	24V DC	Green
107DDV2BSTM-G1	Bracket Mount	24V DC	Magenta
107DDV2BSTR-G1	Bracket Mount	24V DC	Red
107DDV2CSTA-G1	Ceiling Mount	24V DC	Amber

Item No.	Description	Voltage	Color
DIODE POLARIZED DIVISION 2 STROBE			
107DDV2CSTB-G1	Ceiling Mount	24V DC	Blue
107DDV2CSTC-G1	Ceiling Mount	24V DC	Clear
107DDV2CSYG-G1	Ceiling Mount	24V DC	Green
107DDV2CSTM-G1	Ceiling Mount	24V DC	Magenta
107DDV2CSTR-G1	Ceiling Mount	24V DC	Red
107DDV2PSTA-G1	Pendant Mount	24V DC	Amber
107DDV2PSTB-G1	Pendant Mount	24V DC	Blue
107DDV2PSTC-G1	Pendant Mount	24V DC	Clear
107DDV2PSTG-G1	Pendant Mount	24V DC	Green
107DDV2PSTM-G1	Pendant Mount	24V DC	Magenta
107DDV2PSTR-G1	Pendant Mount	24V DC	Red
DIVISION 2 ROTATING INCANDESCENT LIGHT			
107DV2BRINA-R5	Bracket Mount	240V AC 50/60 Hz	Amber
107DV2BRINB-R5	Bracket Mount	240V AC 50/60 Hz	Blue
107DV2BRINC-R5	Bracket Mount	240V AC 50/60 Hz	Clear
107DV2BRING-R5	Bracket Mount	240V AC 50/60 Hz	Green
107DV2BRINR-R5	Bracket Mount	240V AC 50/60 Hz	Red
107DV2BRINHA-N5	Bracket Mount, Halogen	120V AC 50/60 Hz	Amber
107DV2BRINHB-N5	Bracket Mount, Halogen	120V AC 50/60 Hz	Blue
107DV2BRINHC-N5	Bracket Mount, Halogen	120V AC 50/60 Hz	Clear
107DV2BRINHG-N5	Bracket Mount, Halogen	120V AC 50/60 Hz	Green
107DV2BRINHR-N5	Bracket Mount, Halogen	120V AC 50/60 Hz	Red
107DV2CRINA-R5	Ceiling Mount	240V AC 50/60 Hz	Amber
107DV2CRINB-R5	Ceiling Mount	240V AC 50/60 Hz	Blue
107DV2CRINC-R5	Ceiling Mount	240V AC 50/60 Hz	Clear
107DV2CRING-R5	Ceiling Mount	240V AC 50/60 Hz	Green
107DV2CRINR-R5	Ceiling Mount	240V AC 50/60 Hz	Red
107DV2CRINHA-N5	Ceiling Mount, Halogen	120V AC 50/60 Hz	Amber
107DV2CRINHB-N5	Ceiling Mount, Halogen	120V AC 50/60 Hz	Blue
107DV2CRINHC-N5	Ceiling Mount, Halogen	120V AC 50/60 Hz	Clear
107DV2CRINHG-N5	Ceiling Mount, Halogen	120V AC 50/60 Hz	Green
107DV2CRINHR-N5	Ceiling Mount, Halogen	120V AC 50/60 Hz	Red
107DV2PRINC-R5	Pendant Mount	240V AC 50/60 Hz	Clear
107DV2PRINHC-N5	Pendant Mount, Halogen	120V AC 50/60 Hz	Clear
DIVISION 2 STROBE			
107DV2BSTA-EK	Bracket Mount	12-48V DC	Amber
107DV2BSTA-N5	Bracket Mount	120V AC 50/60 Hz	Amber
107DV2BSTA-R5	Bracket Mount	240V AC 50/60 Hz	Amber
107DV2BSTA-S1	Bracket Mount	250V DC	Amber
107DV2BSTB-EK	Bracket Mount	12-48V DC	Blue
107DV2BSTB-N5	Bracket Mount	120V AC 50/60 Hz	Blue
107DV2BSTB-R5	Bracket Mount	240V AC 50/60 Hz	Blue
107DV2BSTB-S1	Bracket Mount	250V DC	Blue
107DV2BSTC-EK	Bracket Mount	12-48V DC	Clear
107DV2BSTC-N5	Bracket Mount	120V AC 50/60 Hz	Clear
107DV2BSTC-R5	Bracket Mount	240V AC 50/60 Hz	Clear
107DV2BSTC-S1	Bracket Mount	250V DC	Clear
107DV2BSTG-EK	Bracket Mount	12-48V DC	Green
107DV2BSTG-N5	Bracket Mount	120V AC 50/60 Hz	Green
107DV2BSTG-R5	Bracket Mount	240V AC 50/60 Hz	Green
107DV2BSTG-S1	Bracket Mount	250V DC	Green
107DV2BSTM-EK	Bracket Mount	12-48V DC	Magenta
107DV2BSTM-N5	Bracket Mount	120V AC 50/60 Hz	Magenta
107DV2BSTM-R5	Bracket Mount	240V AC 50/60 Hz	Magenta
107DV2BSTM-S1	Bracket Mount	250V DC	Magenta
107DV2BSTR-EK	Bracket Mount	12-48V DC	Red
107DV2BSTR-N5	Bracket Mount	120V AC 50/60 Hz	Red
107DV2BSTR-R5	Bracket Mount	240V AC 50/60 Hz	Red
107DV2BSTR-S1	Bracket Mount	250V DC	Red
107DV2CSTA-EK	Ceiling Mount	12-48V DC	Amber
107DV2CSTA-N5	Ceiling Mount	120V AC 50/60 Hz	Amber
107DV2CSTA-R5	Ceiling Mount	240V AC 50/60 Hz	Amber
107DV2CSTA-S1	Ceiling Mount	250V DC	Amber
107DV2CSTB-EK	Ceiling Mount	12-48V DC	Blue
107DV2CSTB-N5	Ceiling Mount	120V AC 50/60 Hz	Blue
107DV2CSTB-R5	Ceiling Mount	240V AC 50/60 Hz	Blue
107DV2CSTB-S1	Ceiling Mount	250V DC	Blue
107DV2CSTC-EK	Ceiling Mount	12-48V DC	Clear
107DV2CSTC-N5	Ceiling Mount	120V AC 50/60 Hz	Clear
107DV2CSTC-R5	Ceiling Mount	240V AC 50/60 Hz	Clear
107DV2CSTC-S1	Ceiling Mount	250V DC	Clear
107DV2CSTG-EK	Ceiling Mount	12-48V DC	Green
107DV2CSTG-N5	Ceiling Mount	120V AC 50/60 Hz	Green
107DV2CSTG-R5	Ceiling Mount	240V AC 50/60 Hz	Green
107DV2CSTG-S1	Ceiling Mount	250V DC	Green
107DV2CSTM-EK	Ceiling Mount	12-48V DC	Magenta
107DV2CSTM-N5	Ceiling Mount	120V AC 50/60 Hz	Magenta
107DV2CSTM-R5	Ceiling Mount	240V AC 50/60 Hz	Magenta
107DV2CSTM-S1	Ceiling Mount	250V DC	Magenta

Item No.	Description	Voltage	Color
DIVISION 2 STROBE			
107DV2CSTR-EK	Ceiling Mount	12-48V DC	Red
107DV2CSTR-N5	Ceiling Mount	120V AC 50/60 Hz	Red
107DV2CSTR-R5	Ceiling Mount	240V AC 50/60 Hz	Red
107DV2CSTR-S1	Ceiling Mount	250V DC	Red
107DV2PSTA-EK	Pendant Mount	12 - 48V DC	Amber
107DV2PSTA-N5	Pendant Mount	120V AC 50/60 Hz	Amber
107DV2PSTA-R5	Pendant Mount	240V AC 50/60 Hz	Amber
107DV2PSTA-S1	Pendant Mount	250V DC	Amber
107DV2PSTB-EK	Pendant Mount	12 - 48V DC	Blue
107DV2PSTB-N5	Pendant Mount	120V AC 50/60 Hz	Blue
107DV2PSTB-R5	Pendant Mount	240V AC 50/60 Hz	Blue
107DV2PSTB-S1	Pendant Mount	250V DC	Blue
107DV2PSTC-EK	Pendant Mount	12 - 48V DC	Clear
107DV2PSTC-N5	Pendant Mount	120V AC 50/60 Hz	Clear
107DV2PSTC-R5	Pendant Mount	240V AC 50/60 Hz	Clear
107DV2PSTC-S1	Pendant Mount	250V DC	Clear
107DV2PSTG-EK	Pendant Mount	12 - 48V DC	Green
107DV2PSTG-N5	Pendant Mount	120V AC 50/60 Hz	Green
107DV2PSTG-R5	Pendant Mount	240V AC 50/60 Hz	Green
107DV2PSTG-S1	Pendant Mount	250V DC	Green
107DV2PSTM-EK	Pendant Mount	12 - 48V DC	Magenta
107DV2PSTM-N5	Pendant Mount	120V AC 50/60 Hz	Magenta
107DV2PSTM-R5	Pendant Mount	240V AC 50/60 Hz	Magenta
107DV2PSTM-S1	Pendant Mount	250V DC	Magenta
107DV2PSTR-EK	Pendant Mount	12 - 48V DC	Red
107DV2PSTR-N5	Pendant Mount	120V AC 50/60 Hz	Red
107DV2PSTR-R5	Pendant Mount	240V AC 50/60 Hz	Red
107DV2PSTR-S1	Pendant Mount	250V DC	Red
LED STAR-BURST MULTI-STATUS INDICATOR			
109A-G1		24V DC	Amber
109A-N5		120V AC 50/60 Hz	Amber
109B-G1		24V DC	Blue
109B-N5		120V AC 50/60 Hz	Blue
109G-G1		24V DC	Green
109G-N5		120V AC 50/60 Hz	Green
109R-G1		24V DC	Red
109R-N5		120V AC 50/60 Hz	Red
109W-G1		24V DC	White
109W-N5		120V AC 50/60 Hz	White
DIVISION 2 FLUORESCENT LIGHT			
112DV2BFLA-N5	Bracket Mount	120V AC 50/60 Hz	Amber
112DV2BFLB-N5	Bracket Mount	120V AC 50/60 Hz	Blue
112DV2BFLC-N5	Bracket Mount	120V AC 50/60 Hz	Clear
112DV2BFLG-N5	Bracket Mount	120V AC 50/60 Hz	Green
112DV2BFLR-N5	Bracket Mount	120V AC 50/60 Hz	Red
112DV2CFLA-N5	Ceiling Mount	120V AC 50/60 Hz	Amber
112DV2CFLB-N5	Ceiling Mount	120V AC 50/60 Hz	Blue
112DV2CFLC-N5	Ceiling Mount	120V AC 50/60 Hz	Clear
112DV2CFLG-N5	Ceiling Mount	120V AC 50/60 Hz	Green
112DV2CFLR-N5	Ceiling Mount	120V AC 50/60 Hz	Red
112DV2PFLA-N5	Pendant Mount	120V AC 50/60 Hz	Amber
112DV2PFLB-N5	Pendant Mount	120V AC 50/60 Hz	Blue
112DV2PFLC-N5	Pendant Mount	120V AC 50/60 Hz	Clear
112DV2PFLG-N5	Pendant Mount	120V AC 50/60 Hz	Green
112DV2PFLR-N5	Pendant Mount	120V AC 50/60 Hz	Red
COMPAXX® FLASHING LIGHT			
114PFINA-G1	Pole Mount	24V DC	Amber
114PFINA-G1-6	Pole Mount, Six Pack	24V DC	Amber
114PFINA-N5	Pole Mount	120V AC 50/60 Hz	Amber
114PFINA-N5-6	Pole Mount, Six Pack	120V AC 50/60 Hz	Amber
114PFINB-G1	Pole Mount	24V DC	Blue
114PFINB-G1-6	Pole Mount, Six Pack	24V DC	Blue
114PFINB-N5	Pole Mount	120V AC 50/60 Hz	Blue
114PFINB-N5-6	Pole Mount, Six Pack	120V AC 50/60 Hz	Blue
114PFINC-G1	Pole Mount	24V DC	Clear
114PFINC-G1-6	Pole Mount, Six Pack	24V DC	Clear
114PFINC-N5	Pole Mount	120V AC 50/60 Hz	Clear
114PFINC-N5-6	Pole Mount, Six Pack	120V AC 50/60 Hz	Clear
114PFING-G1	Pole Mount	24V DC	Green
114PFING-G1-6	Pole Mount, Six Pack	24V DC	Green
114PFING-N5	Pole Mount	120V AC 50/60 Hz	Green
114PFING-N5-6	Pole Mount, Six Pack	120V AC 50/60 Hz	Green
114PFINR-G1	Pole Mount	24V DC	Red
114PFINR-G1-6	Pole Mount, Six Pack	24V DC	Red
114PFINR-N5	Pole Mount	120V AC 50/60 Hz	Red
114PFINR-N5-6	Pole Mount, Six Pack	120V AC 50/60 Hz	Red
114SFINA-G1	Surface Mount	24V DC	Amber
114SFINA-G1-6	Surface Mount, Six Pack	24V DC	Amber
114SFINA-N5	Surface Mount	120V AC 50/60 Hz	Amber

Item No.	Description	Voltage	Color
COMPAXX® FLASHING LIGHT			
114SFINA-N5-6	Surface Mount, Six Pack	120V AC 50/60 Hz	Amber
114SFINB-G1	Surface Mount	24V DC	Blue
114SFINB-G1-6	Surface Mount, Six Pack	24V DC	Blue
114SFINB-N5	Surface Mount	120V AC 50/60 Hz	Blue
114SFINB-N5-6	Surface Mount, Six Pack	120V AC 50/60 Hz	Blue
114SFINC-G1	Surface Mount	24V DC	Clear
114SFINC-G1-6	Surface Mount, Six Pack	24V DC	Clear
114SFINC-N5	Surface Mount	120V AC 50/60 Hz	Clear
114SFINC-N5-6	Surface Mount, Six Pack	120V AC 50/60 Hz	Clear
114SFING-G1	Surface Mount	24V DC	Green
114SFING-G1-6	Surface Mount, Six Pack	24V DC	Green
114SFING-N5	Surface Mount	120V AC 50/60 Hz	Green
114SFING-N5-6	Surface Mount, Six Pack	120V AC 50/60 Hz	Green
114SFINR-G1	Surface Mount	24V DC	Red
114SFINR-G1-6	Surface Mount, Six Pack	24V DC	Red
114SFINR-N5	Surface Mount	120V AC 50/60 Hz	Red
114SFINR-N5-6	Surface Mount, Six Pack	120V AC 50/60 Hz	Red
COMPAXX® STEADY-ON LIGHT			
114PSINA-G1	Pole Mount	24V DC	Amber
114PSINA-G1-6	Pole Mount, Six Pack	24V DC	Amber
114PSINA-N5	Pole Mount	120V AC 50/60 Hz	Amber
114PSINA-N5-6	Pole Mount, Six Pack	120V AC 50/60 Hz	Amber
114PSINB-G1	Pole Mount	24V DC	Blue
114PSINB-G1-6	Pole Mount, Six Pack	24V DC	Blue
114PSINB-N5	Pole Mount	120V AC 50/60 Hz	Blue
114PSINB-N5-6	Pole Mount, Six Pack	120V AC 50/60 Hz	Blue
114PSINC-G1	Pole Mount	24V DC	Clear
114PSINC-G1-6	Pole Mount, Six Pack	24V DC	Clear
114PSINC-N5	Pole Mount	120V AC 50/60 Hz	Clear
114PSINC-N5-6	Pole Mount, Six Pack	120V AC 50/60 Hz	Clear
114PSING-G1	Pole Mount	24V DC	Green
114PSING-G1-6	Pole Mount, Six Pack	24V DC	Green
114PSING-N5	Pole Mount	120V AC 50/60 Hz	Green
114PSING-N5-6	Pole Mount, Six Pack	120V AC 50/60 Hz	Green
114PSINR-G1	Pole Mount	24V DC	Red
114PSINR-G1-6	Pole Mount, Six Pack	24V DC	Red
114PSINR-N5	Pole Mount	120V AC 50/60 Hz	Red
114PSINR-N5-6	Pole Mount, Six Pack	120V AC 50/60 Hz	Red
114SSINA-G1	Surface Mount	24V DC	Amber
114SSINA-G1-6	Surface Mount, Six Pack	24V DC	Amber
114SSINA-N5	Surface Mount	120V AC 50/60 Hz	Amber
114SSINA-N5-6	Surface Mount, Six Pack	120V AC 50/60 Hz	Amber
114SSINB-G1	Surface Mount	24V DC	Blue
114SSINB-G1-6	Surface Mount, Six Pack	24V DC	Blue
114SSINB-N5	Surface Mount	120V AC 50/60 Hz	Blue
114SSINB-N5-6	Surface Mount, Six Pack	120V AC 50/60 Hz	Blue
114SSINC-G1	Surface Mount	24V DC	Clear
114SSINC-G1-6	Surface Mount, Six Pack	24V DC	Clear
114SSINC-N5	Surface Mount	120V AC 50/60 Hz	Clear
114SSINC-N5-6	Surface Mount, Six Pack	120V AC 50/60 Hz	Clear
114SSING-G1	Surface Mount	24V DC	Green
114SSING-G1-6	Surface Mount, Six Pack	24V DC	Green
114SSING-N5	Surface Mount	120V AC 50/60 Hz	Green
114SSING-N5-6	Surface Mount, Six Pack	120V AC 50/60 Hz	Green
114SSINR-G1	Surface Mount	24V DC	Red
114SSINR-G1-6	Surface Mount, Six Pack	24V DC	Red
114SSINR-N5	Surface Mount	120V AC 50/60 Hz	Red
114SSINR-N5-6	Surface Mount, Six Pack	120V AC 50/60 Hz	Red
COMPAXX® STROBE LIGHT			
114PSTA-EK	Pole Mount	12-48V DC	Amber
114PSTA-EK-6	Pole Mount, Six Pack	12-48V DC	Amber
114PSTA-N5	Pole Mount	120V AC 50/60 Hz	Amber
114PSTA-N5-6	Pole Mount, Six Pack	120V AC 50/60 Hz	Amber
114PSTB-EK	Pole Mount	12-48V DC	Blue
114PSTB-EK-6	Pole Mount, Six Pack	12-48V DC	Blue
114PSTB-N5	Pole Mount	120V AC 50/60 Hz	Blue
114PSTB-N5-6	Pole Mount, Six Pack	120V AC 50/60 Hz	Blue
114PSTC-EK	Pole Mount	12-48V DC	Clear
114PSTC-EK-6	Pole Mount, Six Pack	12-48V DC	Clear
114PSTC-N5	Pole Mount	120V AC 50/60 Hz	Clear
114PSTC-N5-6	Pole Mount, Six Pack	120V AC 50/60 Hz	Clear
114PSTG-EK	Pole Mount	12-48V DC	Green
114PSTG-EK-6	Pole Mount, Six Pack	12-48V DC	Green
114PSTG-N5	Pole Mount	120V AC 50/60 Hz	Green
114PSTG-N5-6	Pole Mount, Six Pack	120V AC 50/60 Hz	Green
114PSTR-EK	Pole Mount	12-48V DC	Red
114PSTR-EK-6	Pole Mount, Six Pack	12-48V DC	Red
114PSTR-N5	Pole Mount	120V AC 50/60 Hz	Red
114PSTR-N5-6	Pole Mount, Six Pack	120V AC 50/60 Hz	Red

Item No.	Description	Voltage	Color
COMPAXX® STROBE LIGHT			
114SSTA-EK	Surface Mount	12-48V DC	Amber
114SSTA-EK-6	Surface Mount, Six Pack	12-48V DC	Amber
114SSTA-N5	Surface Mount	120V AC 50/60 Hz	Amber
114SSTA-N5-6	Surface Mount, Six Pack	120V AC 50/60 Hz	Amber
114SSTB-EK	Surface Mount	12-48V DC	Blue
114SSTB-EK-6	Surface Mount, Six Pack	12-48V DC	Blue
114SSTB-N5	Surface Mount	120V AC 50/60 Hz	Blue
114SSTB-N5-6	Surface Mount, Six Pack	120V AC 50/60 Hz	Blue
114SSTC-EK	Surface Mount	12-48V DC	Clear
114SSTC-EK-6	Surface Mount, Six Pack	12-48V DC	Clear
114SSTC-N5	Surface Mount	120V AC 50/60 Hz	Clear
114SSTC-N5-6	Surface Mount, Six Pack	120V AC 50/60 Hz	Clear
114SSTG-EK	Surface Mount	12-48V DC	Green
114SSTG-EK-6	Surface Mount, Six Pack	12-48V DC	Green
114SSTG-N5	Surface Mount	120V AC 50/60 Hz	Green
114SSTG-N5-6	Surface Mount, Six Pack	120V AC 50/60 Hz	Green
114SSTR-EK	Surface Mount	12-48V DC	Red
114SSTR-EK-6	Surface Mount, Six Pack	12-48V DC	Red
114SSTR-N5	Surface Mount	120V AC 50/60 Hz	Red
114SSTR-N5-6	Surface Mount, Six Pack	120V AC 50/60 Hz	Red
ROTATING HALOGEN LIGHT			
116DEXMRINHA-GW	Diode Polarized	24 - 28V DC	Amber
116DEXMRINHB-GW	Diode Polarized	24 - 28V DC	Blue
116DEXMRINHC-GW	Diode Polarized	24 - 28V DC	Clear
116DEXMRINHG-GW	Diode Polarized	24 - 28V DC	Green
116DEXMRINHM-GW	Diode Polarized	24 - 28V DC	Magenta
116DEXMRINHR-GW	Diode Polarized	24 - 28V DC	Red
116EXMRINHA-N5		120V AC 50/60 Hz	Amber
116EXMRINHB-N5		120V AC 50/60 Hz	Blue
116EXMRINHC-N5		120V AC 50/60 Hz	Clear
116EXMRINHG-N5		120V AC 50/60 Hz	Green
116EXMRINHM-N5		120V AC 50/60 Hz	Magenta
116EXMRINHR-N5		120V AC 50/60 Hz	Red
STEADY-ON HALOGEN LIGHT			
116DEXMSINHA-GW	Diode Polarized	24 - 28V DC	Amber
116DEXMSINHB-GW	Diode Polarized	24 - 28V DC	Blue
116DEXMSINHC-GW	Diode Polarized	24 - 28V DC	Clear
116DEXMSINHG-GW	Diode Polarized	24 - 28V DC	Green
116DEXMSINHM-GW	Diode Polarized	24 - 28V DC	Magenta
116DEXMSINHR-GW	Diode Polarized	24 - 28V DC	Red
116EXMSINHA-N5		120V AC 50/60 Hz	Amber
116EXMSINHB-N5		120V AC 50/60 Hz	Blue
116EXMSINHC-N5		120V AC 50/60 Hz	Clear
116EXMSINHG-N5		120V AC 50/60 Hz	Green
116EXMSINHM-N5		120V AC 50/60 Hz	Magenta
116EXMSINHR-N5		120V AC 50/60 Hz	Red
STROBE LIGHT			
116DEXMSTA-FJ	Diode Polarized	16 - 33V DC	Amber
116DEXMSTB-FJ	Diode Polarized	16 - 33V DC	Blue
116DEXMSTC-FJ	Diode Polarized	16 - 33V DC	Clear
116DEXMSTG-FJ	Diode Polarized	16 - 33V DC	Green
116DEXMSTM-FJ	Diode Polarized	16 - 33V DC	Magenta
116DEXMSTR-FJ	Diode Polarized	16 - 33V DC	Red
*116DEXSTC-FJ	Fire Alarm, Diode Polarized	16 - 33V DC	Clear
116EXMSTA-N5		120V AC 50/60 Hz	Amber
116EXMSTB-N5		120V AC 50/60 Hz	Blue
116EXMSTC-N5		120V AC 50/60 Hz	Clear
116EXMSTG-N5		120V AC 50/60 Hz	Green
116EXMSTM-N5		120V AC 50/60 Hz	Magenta
116EXMSTR-N5		120V AC 50/60 Hz	Red
116EXSTA-EK		12 - 48V DC	Amber
116EXSTB-EK		12 - 48V DC	Blue
116EXSTC-EK		12 - 48V DC	Clear
116EXSTG-EK		12 - 48V DC	Green
116EXSTM-EK		12 - 48V DC	Magenta
116EXSTR-EK		12 - 48V DC	Red
116 SERIES MOUNTING ATTACHMENTS			
116EX-B	Bracket Mount Attachment - 116 Series		
116EX-C	Ceiling Mount Attachment - 116 Series		
116EX-P	Pendant Mount Attachment - 116 Series		
116EX-S	Stanchion Mount Attachment - 116 Series		
COMPAXX® STROBE LIGHT			
117A-EM		12 - 80V DC	Amber
117A-N5		120V AC 50/60 Hz	Amber
117A-R5		240V AC 50/60 Hz	Amber
117B-EM		12 - 80V DC	Blue
117B-N5		120V AC 50/60 Hz	Blue
117B-R5		240V AC 50/60 Hz	Blue
117C-EM		12 - 80V DC	Clear

* Also in Fire Alarm Section 5

Item No.	Description	Voltage	Color
COMPAXX® STROBE LIGHT			
117C-N5		120V AC 50/60 Hz	Clear
117C-R5		240V AC 50/60 Hz	Clear
117G-EM		12 - 80V DC	Green
117G-N5		120V AC 50/60 Hz	Green
117G-R5		240V AC 50/60 Hz	Green
117R-EM		12 - 80V DC	Red
117R-N5		120V AC 50/60 Hz	Red
117R-R5		240V AC 50/60 Hz	Red
EXPLOSIONPROOF SINGLE STROKE BELL			
332EX-10G5	10" Gong	24V AC 50/60 Hz	
332EX-10N5	10" Gong	120V AC 50/60 Hz	
332EX-10R5	10" Gong	240V AC 50/60 Hz	
332EX-6G5	6" Gong	24V AC 50/60 Hz	
332EX-6N5	6" Gong	120V AC 50/60 Hz	
332EX-6R5	6" Gong	240V AC 50/60 Hz	
333EX-10G1	10" Gong	24V DC	
333EX-6G1	6" Gong	24V DC	
333EX-6P1	6" Gong	125V DC	
EXPLOSIONPROOF VIBRATING BELL			
340EX-10G5	10" Gong	24V AC 50/60 Hz	
340EX-10N5	10" Gong	120V AC 50/60 Hz	
340EX-10R5	10" Gong	240V AC 50/60 Hz	
340EX-6G5	6" Gong	24V AC 50/60 Hz	
340EX-6N5	6" Gong	120V AC 50/60 Hz	
340EX-6R5	6" Gong	240V AC 50/60 Hz	
340EX-8N5	8" Gong	120V AC 50/60 Hz	
435EX-10E1	8" Gong	12V DC	
435EX-10G1	10" Gong	24V DC	
435EX-10P1	10" Gong	125V DC	
435EX-6C1	6" Gong	6V DC	
435EX-6E1	6" Gong	12V DC	
435EX-6G1	6" Gong	24V DC	
435EX-6K1	6" Gong	48V DC	
435EX-6P1	6" Gong	125V DC	
435EX-6S1	6" Gong	250V DC	
435EX-8G1	8" Gong	24V DC	
435EX-8K1	8" Gong	48V DC	
435EX-8P1	8" Gong	125V DC	
435EX-8S1	8" Gong	250V DC	
*439DEX-10AW	10" Gong, Fire Alarm	24V DC	
*439DEX-6AW	6" Gong, Fire Alarm	24V DC	
*439DEX-8AW	8" Gong, Fire Alarm	24V DC	
DUOTRONIC® HORNS AND SIRENS			
5522M-AQ	Horn	24V AC 50/60 Hz OR 24V DC	
5522M-Y6	Horn	120-240V AC 50/60 Hz, 125-250V DC	
5522MD-AW	Horn, Diode Polarized	20 - 24V DC	
5523M-AQ	Siren	24V AC 50/60 Hz OR 24V DC	
5523M-Y6	Siren	120-240V AC 50/60 Hz, 125-250V DC	
5523MD-AW	Siren, Diode Polarized	20 - 24V DC	
ADAPTATONE® MILLENNIUM MULTI-TONE SIGNAL			
5530M-120N5	1 Input, 1 Output	120V AC 50/60 Hz	
5530M-120Y6	1 Input, 1 Output	120-240V AC 50/60 Hz, 125-250V DC	
5530M-24AQ	1 Input, 1 Output	24V AC 50/60 Hz OR 24V DC	
5530M-24N5	1 Input, 1 Output	120V AC 50/60 Hz	
5530M-24Y6	1 Input, 1 Output	120-240V AC 50/60 Hz, 125-250V DC	
5530M-485Y6	1 Input, 1 Output	120-240V AC 50/60 Hz, 125-250V DC	
*5530MD-24AW	1 Input, 1 Output, Diode Polarized	20 - 24V DC	
5530MHV-120Y6	High Volume, 1 Input, 1 Output	120-240V AC 50/60 Hz, 125-250V DC	
5530MHV-24AQ	High Volume, 1 Input, 1 Output	24V AC 50/60 Hz OR 24V DC	
5530MHV-24Y6	High Volume, 1 Input, 1 Output	120-240V AC 50/60 Hz, 125-250V DC	
5530MHV-485Y6	High Volume, 1 Input, 1 Output	120-240V AC 50/60 Hz, 125-250V DC	
5531M-120N5	4 Input, 4 Output	120V AC 50/60 Hz	
5531M-120Y6	4 Input, 4 Output	120-240V AC 50/60 Hz, 125-250V DC	
5531M-24AQ	4 Input, 4 Output	24V AC 50/60 Hz OR 24V DC	
5531M-24N5	4 Input, 4 Output	120V AC 50/60 Hz	
5531M-24Y6	4 Input, 4 Output	120-240V AC 50/60 Hz, 125-250V DC	
5531MHV-120Y6	High Volume, 4 Input, 4 Output	120-240V AC 50/60 Hz, 125-250V DC	
5531MHV-24AQ	High Volume, 4 Input, 4 Output	24V AC 50/60 Hz OR 24V DC	

* Also in Fire Alarm Section 5

Item No.	Description	Voltage	Color
ADAPTATONE® MILLENNIUM MULTI-TONE SIGNAL			
5531MHV-24Y6	High Volume, 4 Input, 4 Output	120-240V AC 50/60 Hz, 125-250V DC	
5531MV-120N5	Voice, 4 Input, 4 Output	120V AC 50/60 Hz	
5531MV-24N5	Voice, 4 Input, 4 Output	120V AC 50/60 Hz	
5531MV-24Y6	Voice, 4 Input, 4 Output	120-240V AC 50/60 Hz, 125-250V DC	
ADAPTATONE® MILLENNIUM REMOTE SPEAKER AMPLIFIER			
5532M-25Y6	25V RMS Audio	120-240V AC 50/60 Hz, 125-250V DC	
5532M-485Y6	RS485	120-240V AC 50/60 Hz, 125-250V DC	
5532M-70Y6	70V RMS Audio	120-240V AC 50/60 Hz, 125-250V DC	
5532M-AQ	10V RMS Audio	24V AC 50/60 Hz OR 24V DC	
5532MD-10AW	10V RMS Audio, Diode Polarized	20 - 24V DC	
5532MD-25AW	25V RMS Audio, Diode Polarized	20 - 24V DC	
5532MD-70AW	70V RMS Audio, Diode Polarized	20 - 24V DC	
5532MHV-485Y6	High Volume, RS485	120-240V AC 50/60 Hz, 125-250V DC	
5532MHV-AQ	High Volume, 10V RMS Audio	24V AC 50/60 Hz OR 24V DC	
5532MHV-Y6	High Volume, 10V RMS Audio	120-240V AC 50/60 Hz, 125-250V DC	
5532M-N5	10V RMS Audio	120V AC 50/60 Hz	
5532M-Y6	10V RMS Audio	120-240V AC 50/60 Hz, 125-250V DC	
ADAPTATONE® MILLENNIUM, EXPLOSIONPROOF			
5533M-AQ		24V AC 50/60 Hz OR 24V DC	
5533M-Y6		120-240V AC 50/60 Hz, 125-250V DC	
5533MD-AW	Diode Polarized	20 - 24V DC	
ADAPTATONE® MILLENNIUM, STAND-ALONE			
5536M-24AQ	2 Input, 2 Output	24V AC 50/60 Hz OR 24V DC	
5536M-24N5	2 Input, 2 Output	120V AC 50/60 Hz	
5536M-24Y6	2 Input, 2 Output	120-240V AC 50/60 Hz, 125-250V DC	
5536MHV-24AQ	High Volume, 2 Input, 2 Output	24V AC 50/60 Hz OR 24V DC	
5536MHV-24Y6	High Volume, 2 Input, 2 Output	120-240V AC 50/60 Hz, 125-250V DC	
ADAPTATONE® MILLENNIUM TONE GENERATOR			
5540M-120N5	Tone Generator	120V AC 50/60 Hz	
5540M-120Y6	Tone Generator	120-240V AC 50/60 Hz, 125-250V DC	
5540M-24AQ	Tone Generator	24V AC 50/60 Hz OR 24V DC	
5540M-24N5	Tone Generator	120V AC 50/60 Hz	
5540M-24Y6	Tone Generator	120-240V AC 50/60 Hz, 125-250V DC	
5540M-485Y6	Tone Generator	120-240V AC 50/60 Hz, 125-250V DC	
5540MP-24Y6	Paging	120-240V AC 50/60 Hz, 125-250V DC	
5540MV-24N5	Voice	120V AC 50/60 Hz	
5540MV-24Y6	Voice	120-240V AC 50/60 Hz, 125-250V DC	
5540MV-485Y6	Voice, RS485	120-240V AC 50/60 Hz, 125-250V DC	
ADAPTATONE® MILLENNIUM REMOTE SPEAKER AMPLIFIER			
5545M-AQ	Explosionproof	24V AC 50/60 Hz OR 24V DC	
5545M-Y6	Explosionproof	120-240V AC 50/60 Hz, 125-250V DC	
ADAPTATONE® MILLENNIUM MINI-MI			
5560M-AQ	Mini-Mi	24V AC 50/60 Hz OR 24V DC	White
5560MD-FJ	Mini-Mi, Diode Polarized	16 - 33V DC	White
5560MDR-FJ	Mini-Mi, Diode Polarized	16 - 33V DC	Red
5560MDS-FJ	Mini-Mi with Strobe, Diode Polarized	16 - 33V DC	White
5560MDSR-FJ	Mini-Mi with Strobe, Diode Polarized	16 - 33V DC	Red
5560M-N5	Mini-Mi	120V AC 50/60 Hz	White
5560MS-AQ	Mini-Mi with Strobe	24V AC 50/60 Hz OR 24V DC	White
5560MS-N5	Mini-Mi with Strobe	120V AC 50/60 Hz	White
556A-M	Audio Coupler Module Board		
556A-M485	Audio Coupler Module Board RS485		
556T-M	Tone Module Board		
556T-M485	Tone Module Board RS485		
556V-M	Voice Module Board		

Item No.	Description	Voltage	Color
ADAPTAHORN®			
870P-E5	Panel Mount	12V AC 50/60 Hz	
870P-G5	Panel Mount	24V AC 50/60 Hz	
870P-N5	Panel Mount	120V AC 50/60 Hz	
870P-R5	Panel Mount	240V AC 50/60 Hz	
871P-C1	Panel Mount	6V DC	
871P-E1	Panel Mount	12V DC	
871P-G1	Panel Mount	24V DC	
871P-J1	Panel Mount	32V DC	
871P-P1	Panel Mount	125V DC	
871P-S1	Panel Mount	250V DC	
876-E5	Grille, Weatherproof	12V AC 50/60 Hz	
876-G5	Grille, Weatherproof	24V AC 50/60 Hz	
876-N5	Grille, Weatherproof	120V AC 50/60 Hz	
876-R5	Grille, Weatherproof	240V AC 50/60 Hz	
877-E1	Grille, Weatherproof	12V DC	
877-G1	Grille, Weatherproof	24V DC	
877-J1	Grille, Weatherproof	32V DC	
877-K1	Grille, Weatherproof	48V DC	
877-P1	Grille, Weatherproof	125V DC	
877-S1	Grille, Weatherproof	250V DC	
ADAPTAHORN®, EXPLOSIONPROOF			
878EX-E5		12V AC 50/60 Hz	
878EX-G5		24V AC 50/60 Hz	
878EX-N5		120V AC 50/60 Hz	
878EX-R5		240V AC 50/60 Hz	
878DEX-N5	Diode Polarized	120V AC 50/60 Hz	
879EX-C1		6V DC	
879EX-E1		12V DC	
879EX-G1		24V DC	
879EX-J1		32V DC	
879EX-K1		48V DC	
879EX-P1		125V DC	
879DEX-G1	Diode Polarized	24V DC	
*888D-N5	Diode Polarized	120V AC 50/60 Hz	Red
*889D-AW	Diode Polarized	20 - 24V DC	Red
SOLENOID VALVES			
10746-E1	3/8" NPT	12V DC	
10746-G1	3/8" NPT	24V DC	
10746-G5	3/8" NPT	24V AC 50/60 Hz	
10746-N5	3/8" NPT	120V AC 50/60 Hz	
10748-E1	1/2" NPT	12V DC	
10748-G1	1/2" NPT	24V DC	
10748-N5	1/2" NPT	120V AC 50/60 Hz	
10748-P1	1/2" NPT	125V DC	
10748-R5	1/2" NPT	240V AC 50/60 Hz	
10750-G1	3/4" NPT	24V DC	
10750-N5	3/4" NPT	120V AC 50/60 Hz	
10754-G1	1 1/4" NPT	24V DC	
10754-N5	1 1/4" NPT	120V AC 50/60 Hz	
40086-N5	1/4" NPT	120V AC 50/60 Hz	
42086-N5	1/2" NPT	120V AC 50/60 Hz	
44086-N5	1" NPT	120V AC 50/60 Hz	
46086-N5	1 1/2" NPT	120V AC 50/60 Hz	
COMBINATION MANUAL/SOLENOID VALVE			
10775-G1	3/8" NPT	24V DC	
10775-N5	3/8" NPT	120V AC 50/60 Hz	
10776-G1	1/2" NPT	24V DC	
10776-N5	1/2" NPT	120V AC 50/60 Hz	
10776-R5	1/2" NPT	240V AC 50/60 Hz	
10777-G1	3/4" NPT	24V DC	
10777-N5	3/4" NPT	120V AC 50/60 Hz	
10777-R5	3/4" NPT	240V AC 50/60 Hz	
10778-G1	1 1/4" NPT	24V DC	
10778-N5	1 1/4" NPT	120V AC 50/60 Hz	
10780	3/8" NPT		
10781	1/2" NPT		
10782	3/4" NPT		
10784	1 1/4" NPT		
AC30106	Bronze Post Bracket		
EXPLOSIONPROOF MINE BUZZER			
B-8140-M-G5		24V AC 50/60 Hz	
B-8140-M-N5		120V AC 50/60 Hz	
B-8140-M-R5		240V AC 50/60 Hz	
B-8141-G1	Explosionproof AdaptaBuzzer	24V DC	
B-8141-M-G1		24V DC	
B-8141-M-S1		250V DC	

Item No.	Description	Voltage	Color
WEATHERPROOF ADAPTAHORN®			
B-8526-G1		24V DC	
B-8526-P1		125V DC	
B-8526-S1		250V DC	
B-8599-E1	Dual Projector	12V DC	
B-8599-G1	Dual Projector	24V DC	
B-8599-P1	Dual Projector	125V DC	
B-8599-S1	Dual Projector	250V DC	
B-N-8546-E5		12V AC 50/60 Hz	
B-N-8546-G5		24V AC 50/60 Hz	
B-N-8546-N5		120V AC 50/60 Hz	
B-N-8546-R5		240V AC 50/60 Hz	
B-N-8590-E5	Dual Projector	12V AC 50/60 Hz	
B-N-8590-G5	Dual Projector	24V AC 50/60 Hz	
B-N-8590-N5	Dual Projector	120V AC 50/60 Hz	
EXPLOSIONPROOF ADAPTAHORN®			
B-KM-8130-G5		24V AC 50/60 Hz	
B-KM-8130-N5		120V AC 50/60 Hz	
EXPLOSIONPROOF ADAPTA BUZZER™			
B-KM-8140-G5		24V AC 50/60 Hz	
B-KM-8140-N5		120V AC 50/60 Hz	
B-KM-8140-R5		240V AC 50/60 Hz	
AIR HORNS			
CA			
CA-4	Omni-Directional		
CB	Spun Bell		
C-1E	Single Tone		
C-12	Dual Tone		
K-1	311 Hz		
K-12	Dual Tone 311/370 HZ		
K-12R12	Dual Tone 311/370 Hz		
K-2	370 Hz		
K-25	Dual Tone 470/622 HZ		
K-25R25	Dual Tone 470/622 HZ		
K-3	470 Hz		
K4-1	4 K-1 Horns		
K4-12	4 K-12 Horns		
K4-25	4 K-25 Horns		
K-5	622 Hz		
KM-135	135 Hz		
KM-200	200 Hz		
KM-250	250 Hz		
KMJ-4SC75120VAC	Marine Rated	120V AC	
KMJ-4SC7524VDC	Marine Rated	24V DC	
KMJ-5SC120VAC	Marine Rated	120V AC	
KMJ-5SC24VDC	Marine Rated	24V DC	
EXPLOSIONPROOF FIRE ALARM STROBE			
*EGEX-VM	Explosionproof Fire Alarm Strobe	24V DC	Clear
EXPLOSIONPROOF HEAT DETECTOR			
EPBMPB501			
EPBMPB502			
EPBMPB503			
EPBMPB504			
STEAM WHISTLES			
S1-1X2	1245 Hz		
S1-2X4	740 Hz		
S1-4X8	263 Hz		
S1-6X12			
EXPLOSIONPROOF SMOKE DETECTOR			
V9006-0001-013			
WEATHERPROOF HEAT DETECTOR			
WPBMPB501	ROR/136F Fixed Temp		
WPBMPB502	ROR/190F Fixed Temp		
WPBMPB503	136F Fixed Temp		
WPBMPB504	190F Fixed Temp		
EXPLOSIONPROOF PULL STATION			
XAL53			

* Also in Fire Alarm Section 5

Signal Solutions for Hazardous Locations

All the sights and sounds for hazardous locations. With the Class, Division, Type and Group ratings to satisfy code and OSHA requirements.

Edwards provides solutions like weatherproof air horns and electromechanical signals, Class I and II Division 1 and 2 rotating lights and strobes. The cost-effective Division 2 Adaptatone® field-programmable multi-tone device and the Division 2 AdaptaBeacon® signals.

Our 133 years of industry leadership is stronger than ever – as demonstrated by Edwards History – ensuring you get the most advanced devices today's technology has to offer. And we make our technology easy to understand, with advice, documentation and training that show Edwards signals in action.

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