



Detcon Model AV2-C1D1M

ISO 9001: 2000
Certified

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Hazardous Duty Alarm Station Class 1, Division 1 Multitone

Description

Detcon Model AV2-C1D1M audio visual alarm stations are designed for installation and use in heavy industrial environments including offshore applications where compliance with ABS standards are required. The alarm station consists of a combination of two warning lights and a siren. Warning lights can consist of any combination of dome colors such as amber, blue, clear, green, red, or magenta. The audible alarm features 3 field selectable tones: Wail, Yelp, and Horn. Model AV2-C1D1M alarm assemblies are specifically designed for hazardous locations or corrosive environments where a very bright visual and high decibel alarm signal is required. The high-intensity strobe lights provide 85 flashes per minute. The siren produces a noise level of 98dbA @ 10 feet in a wide angle sound dispersion pattern. The lights are UL listed for Class I, Division 2, Groups C and D; Class II, Groups E, F, and G; and Class III. The siren is UL listed for Class I, Groups B, C and D.

Model AV2-C1D1M alarm components are pre-assembled and mounted on a T-shaped epoxy painted aluminum bracket with pre-drilled mounting holes that accommodate U-bolts and up to 3" diameter pipe stands. The assemblies are NEMA 4X rain tight and suitable for installation in harsh locations. Overall dimensions are 39"H x 30"W x 18.5"D.



Ordering Information

977- 6 00-03

| | | | |
|----------------------------|-------------|----------------|---|
| Qty. of Strobes | — | Voltage | — |
| 1 - 1 | 2 - 2 | 2 - 24 VDC | |
| Color of 1st Strobe | — | 3 - 120 VAC | |
| Color of 2nd Strobe | — | 4 - 240 VAC | |
| 2 - Red | 6 - Blue | | |
| 4 - Amber | 7 - Magenta | | |
| 5 - Green | 9 - Clear | | |

Light Specifications

- Voltage:** 24VDC, 120VAC 50/60HZ, 240VAC 50/60HZ
- Mount:** Flange
- Operating Current:** 0.63 Amps at 24VDC, 0.17 Amps at 120VAC, 0.075 Amps at 240VAC
- Dome Colors:** Amber, Blue, Clear, Green, Magenta, Red
- Dome Guard:** Included
- Operating Temperature Minimum:** -40°C
- Operating Temperature Maximum:** 55°C
- Flash Rate/Minute:** 85
- Effective Candle Power:** 200 eff. (clear dome)
- Height:** 13.69 in.
- Diameter:** 7.44 in.
- Warranty:** 1 Year

Siren Specifications

- Voltage:** 24VDC, 120VAC 50/60HZ, 240VAC 50/60HZ
- Mount:** Omni Directional Mounting Bracket
- Operating Current:** 0.6Amps at 24VDC, 0.21 Amps at 120VAC, 0.12 Amps at 240VAC
- Temperature Rating:** -35°C to +72°C; -31°F to +161°F
- Sound Output @ 10' (UL Audibility Rating):**
 - Wail: 98 dbA
 - Yelp: 99 dbA
 - Horn: 95 dbA
- Enclosure Rating:** Type 3R, IP44
- Dimensions:** 14.75"H x 8.88"W x 14.75"D
- Warranty:** 1 Year

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