



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
1 - 1 2 - 2

Color of 1st Strobe
Color of 2nd Strobe
2 - Red 6 - Blue
4 - Amber 7 - Magenta
5 - Green 9 - Clear

Voltage
2 - 24 VDC
3 - 120 VAC
4 - 240 VAC

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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