



Detcon Model AV2-C1D2M

ISO 9001: 2000
Certified

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Hazardous Duty Alarm Station Class 1, Division 2 Multitone

Description

Detcon Model AV2-C1D2M audio visual alarm stations are designed for installation and use in heavy industrial environments. 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-C1D2M 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 80 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 and CSA Certified for Class I, Division 2, Groups A, B, C and D; Class II, Division I, Groups E, F, and G; and Class III. The siren is UL listed for Class I, Groups B, C and D.

Model AV2-C1D2M 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 2 1/2" diameter pipe stands. The assemblies are NEMA 4X rain tight and suitable for installation in harsh locations. Overall dimensions are 33"H x 16.5"W x 18.5"D.



Ordering Information

977- L 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: 3/4" Pipe
Operating Current: 0.60 Amps at 24VDC,
0.32 Amps at 120VAC, 0.16 Amps at 240VAC
Dome Colors: Amber, Blue, Clear, Green, Magenta, Red
Dome Guard: Included
Operating Temperature Minimum: -31°F to 150F
Light Source/Lamp Style: Strobe Tube
Lamp Life: 10,000 Hours
Flash Rate/Minute: 80
Candle Power Peak: 520,000
Effective Candle Power: 165
Enclosure Rating: Type 4X
Ingress Protection: IP66
Dimensions: 8.75"H x 5.5" Diameter
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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