

AST-14

Explosion-proof (Hazardous Area) Strobe



Features and Functions

- Explosion-proof strobe for use in explosive (hazardous) areas
- Fresnel lens made of polycarbonate
- Various lens colors
- May be operated in any position
- UL listed

The explosion-proof strobe of the AST-14 series is used to visually indicate alarms, pages and incoming calls at call stations in explosive (hazardous) environments with availability in different lens colors. It is suitable for use in Class I - Div 2 - Groups A, B, C, D; Class II - Groups E, F, G; Class III - Enclosure 3 and can directly be controlled using a *net* series communication. The robust strobe is UL listed and can be installed both indoors and outdoors.



Fig. 1: Application

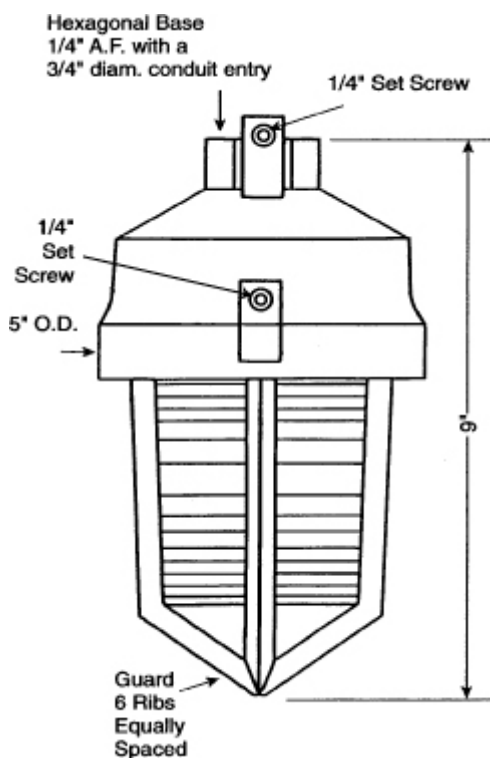


Fig. 2: Dimensional drawing AST-14

Mechanical Data

• Housing material	Cast zinc alloy with epoxy finish
• Housing color	Gray
• Lens material	Polycarbonate
• Lens color	Red, amber, clear
• Height	229 mm (9.02")
• Cable entry	0.75" conduit
• Connection	Screw terminals
• Weight	Approx. 2 kg (approx. 4.5 lbs)

Electrical Data

• Voltage range	48 VDC to 60 VDC, 120 VAC
• Current consumption	DC: 0.36 A to 0.3 A AC: 0.09 A to 0.175 A
• Power consumption	12 W
• Luminous intensity (peak)	2,000,000 cd
• Flash rate	1 Hz

Environmental Requirements and Standards

• Ambient temperature during operation	T2D: -55 °C to +40 °C (-67 °F to +104 °F) T2B: -55 °C to +85 °C (-67 °F to +185 °F)
• Relative humidity (non-condensing)	Max. 95 %
• Degree of protection	Type 3
• Certification	CSA LR56828-2
• Compliance	Class I: Div. 2, Groups A, B, C, D Class II: Groups E, F, G Class III: Enclosure 3

Order Data

Voltage	Lens Color	Type Number
48 VDC / 60 VDC	Clear	070-000-071/CL
	Red	070-000-071/RD
	Amber	070-000-071/AM
120 VAC	Clear	070-000-094/CL
	Red	070-000-094/RD
	Amber	070-000-094/AM

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