


Bosston

A QUALITY PRODUCT

EBZ Buzzer,ESR Siren

EXPLOSIONPROOF
For UL.60079-1 Standard Class I,II Div.1 and 2 Groups C,D,E,F and G
For IEC.60079-0 to 1 Standard Zone 1 and Zone 2

Technical data

Type of Protection: Ex d IIA T6

Conforming to : Standards IEC 60079-0 to 1 or UL 60079-1

Marking for test : Ex II2G

Degree of Protection : IP 65 / 66 acc.To IEC 60529

Ambient Temp. (Ta) : -20°C to+ 55°C

Rated Voltage : 6 , 12 , 24 V.DC. For Buzzer

: 110 , 220V.AC. For Siren

Type : EBZ , ESR

Grill : Epoxy-polyester powder

Body and junction box : Copper-free aluminium

Protection class for UL. : Class I, Division1 or 2 Group.C,D

Class II, Division1 or 2 Groups.E,F,G

Class III

Protection class for IEC : Zone1and Zone 2



EBZ and ESR

Applications:

The EBN rotating beacon ,ESR siren is used for call signals, alarms and other signalling application. in hazardous atmospheres such as oil and gas refineries, chemical plants, loading station, paint manufacturing plants, grain processing areas or similar industries. for flat surface mounted with projectors aimed in the desired direction, for conduit system. for indoor or outdoor locations.

Features:

- Copper-free aluminium body, coated with epoxy-polyester powder for corrosion resistant.
- Body and junction box is threaded joint for easy wires connection.
- Grill type and surface mounted.
- Through-feed 3/4" inch NPT standard conduit hub.

Standard Finishes:

- Body and Junction box - Epoxy-polyester powder
- Grill - Epoxy-polyester powder

Catalogue Number:

Supply Voltage	Sound Duration	VA.	Sound Level at 10 ft.(dB.)	Cat.No.
Buzzer				
6 V.DC.	Continuous	0.5	75	EBZ1- 006D
12V.DC.	Continuous	0.5	75	EBZ1- 012D
24V.DC.	Continuous	0.5	75	EBZ1- 024D
110V.AC.	10minutes maximum	8.5	90	EBZ1- 110A
220V.AC.	5minutes maximum	8.5	90	EBZ1- 220A
Siren				
24V.DC.	5minutes	-	85	ESR1-024D
220V.AC.	2minutes	-	90	ESR1-220A

Dimension : (in mm.)

