

Signal and Alarm: Buzzer, EBZ Series

Flameproof and Dust protection by enclosure

Zone 1 & 2 – 21 & 22



Application

The EBZ buzzers are used:

- for call signals, alarms, and other signaling applications.
- for flat surface mounting, with projectors aimed in the desired direction.
- in Zone 1 and Zone 2 hazardous areas.

Specification

Housing material : Marine grade copper-free aluminium alloy with polyester powder coated, RAL 7032 (grey)

Grill : Marine grade copper-free aluminium alloy with polyester powder coated, RAL 9017 (black)



Technical Data

Hazardous Area	Gas	Dust
Zones	1 & 2	21 & 22
Equipment Group/Category	II 2G	II 2D
Symbol of Protection	Ex d IIB T6/ T5 Gb	Ex tb IIIC T80°C/ T100°C Db
Conformity to Standards	EN IEC 60079-0, EN 60079-1, EN IEC 60079-31	
Ambient Temperature	-20°C to +55°C	
Index of Protection	IP65	
Entry Threads	2x 1/2" NPT or 2x 3/4" NPT	
Mounting	Wall mounting	
Rated Voltage	6 V DC, 12 V DC, 110 V AC or 220 V AC ,50 Hz	

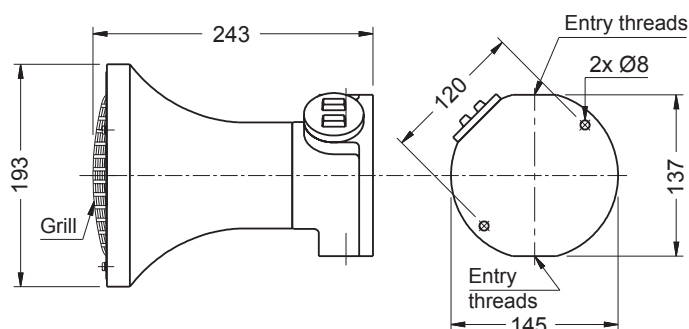
Catalogue Number Logic

EBZ -					
Series	Voltage				Entry threads
06D	6 V DC	110A	110 V AC	N1	1/2" NPT
12D	12 V DC	220A	220 V AC	N2	3/4" NPT
24D	24 V DC				

Ordering Requirements

Cat. No.	Voltage	Current	Power consumption	Sound level at 10 ft (dB)	Temp. Class (for zone 1 & 2)		Max. Surface Temp.* (for zone 21 & 22)		Volume (cm³)	Approx. weight (kg)
					Ta 40°C	Ta 55°C	Ta 40°C	Ta 55°C		
EBZ-06D-□	6 V DC	0.03 A	0.72 VA	95	T6	T5	T80°C	T100°C	1,580	4.52
EBZ-12D-□	12 V DC	0.041 A	0.5 VA							
EBZ-24D-□	24 V DC	0.021 A	0.5 VA							
EBZ-110A-□	110 V AC	0.022 A	2.5 VA	95	T6	T5	T80°C	T100°C	1,580	4.52
EBZ-220A-□	220 V AC	0.011 A	2.5 VA							

Dimensions (in mm)



Remark * : The maximum surface temperatures are specified for dust free condition. The dust layer which may cover around the lighting fixture will cause to higher surface temperature.