

Application

The DAB alarm bells are used as alarm or signaling devices for various purposes. They are designed for use in Zone 1, Zone 2, and Zone 21, 22 hazardous areas.

Specification

- Housing material : Marine grade copper-free aluminium alloy with polyester powder coated, RAL 3020 (red)
- Gong : Steel with polyester powder coated, RAL 3020 (red)
- Bolts : Stainless steel, SS 304



Option

- Housing : Offshore painting (Acrylic polyurethane coating)
- Lid screws : Stainless steel, SS 316

Technical Data

Hazardous Area	Gas	Dust
Zones	1 & 2	21 & 22
Equipment Group/Category	Ex db eb IIC T6/ T5 Gb	Ex tb IIIC T85°C/ T105°C Db
Symbol of Protection	Ex db eb IIC T6/ T5 Gb	Ex tb IIIC T85°C/ T105°C Db
Certificate	TÜV CY 18 ATEX 0205996X	
Conformity to Standards	EN IEC 60079-0, EN 60079-1, EN IEC 60079-7, EN IEC 60079-31	
Ambient Temperature	-20°C to +55°C	
Index of Protection	IP66	
Entry Threads	3x M20x1.5, M25x1.5 or 3x 1/2" NPT, 3/4" NPT (2x stopping plug)	
Mounting	Wall mounting	
Connection	L, N and PE ; for 1-4 mm ² cable (Through wiring system with an extra terminal block for cable connection at both ends.)	
Rated Voltage	24 V DC, 110 V AC or 220 V AC, 50 Hz	

Catalogue Number Logic

DAB	-	6		-	
Series		Bell diameter		Voltage	Entry threads
		6 6 inches		024D 24 V DC	M1 M20x1.5
				110A 110 V AC	M2 M25x1.5
				220A 220 V AC	N1 1/2" NPT
					N2 3/4" NPT

Ordering Requirements

Cat. No.	Voltage	Current	Power consumption	Bell diameter	Sound level at 10 ft	Approx. weight (kg)
DAB-6024D-□	24 V DC	0.03 A	0.72 VA	6 inches	> 85 dB	3.37
DAB-6110A-□	110 V AC	0.047 A	5.2 VA			
DAB-6220A-□	220 V AC	0.024 A	5.2 VA			

Dimensions (in mm)

