

# Signal and Alarm: Alarm Bell, DAB Series

# Flameproof/ Increased Safety and Dust protection by enclosure

Zone 1 & 2 - 21 & 22

# **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

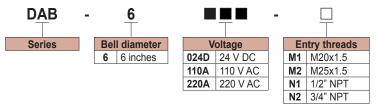
(Acrylic polyurethane coating)

Lid screws : Stainless steel, SS 316

#### **Technical Data**

Hazardous Area	Gas Dust					
Zones	1 & 2 21 & 22					
Equipment Group/Category	⟨E <sub>x</sub> ⟩    2G ⟨E <sub>x</sub> ⟩    2D					
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 <sup>2</sup> 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**



## **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)

