

# BELLS

## CENTRIFUGAL



A stylish and varied range of centrifugal bells is offered. Combining high sound output with low power consumption, the bells are efficient and economical. The standard gong sizes are 4", 6" and 8" red bells, 24V. However, a variety of voltages, colours, centre disc styles and sizes are available.

### USAGE

Motorised bells are recommended for use on internal applications. The 4" bell is ideal for bedroom use where a sound level of 75dBA is required at the bed head. The low power consumption allows a high number of bells to be used on one circuit.

### FEATURES

- High sound output with low current consumption
- Wide range of voltages, sizes and finishes available
- Simple installation
- Silent test capability
- Traditional fire bell ringing avoids confusion with other alarms
- Terminals will accept 2.5mm cables

## ELECTRONIC SOLENOID



The reliable electronic solenoid bells offer a high quality sound output at minimum current consumption and provide excellent sound coverage. A major advance in bell technology, they combine a miniature solenoid with an integrated electronic control circuit. The standard bells are red 6", 24V DC or 240V AC, however other voltages and colours are available.

### USAGE

Electronic solenoid bells are designed for internal and external use and are suitable for most requirements. They are weatherproof to IP55 and have an optional locking facility for added security. Their subtle aesthetics mean they are also ideal for residential use, even in the most prestigious of buildings.

### FEATURES

- High sound output with minimum current consumption
- Wide range of voltages, sizes and colours available
- Increased reliability due to electronic control of the solenoid
- Easy installation
- Weather resistant and lockable models available
- Low profile design

## HOW THEY WORK

When the control panel powers the bells they emit a continuous ringing tone. Centrifugal bells operate via an electric motor and rotating striker. The electronic solenoid operates via a pulser circuit.

## INSTALLATION

Centrifugal bells have polycarbonate base plates with two pairs of terminals to ease looping in. A slotted screw secures the gong. The electronic solenoids have components that clip together and the gong is secured by a twist-lock action. The base has a four way terminal block for looping in and is suitable for surface wiring without the need for a surface box.

All bells may be fitted directly to the wall or to an electrical back box; an optional surface mounting pattress is also available. Large terminals allow for conductors up to 2.5mm square to be used.

## CHOICE

All bells are suitable for use on fault-monitored systems. The low-cost centrifugal bells are used most commonly. Electrical solenoids offer the reliability of an electrical sounder but with the "surround sound" effect that can only be achieved with a bell.

*A sufficient number of bells should be used to provide a minimum of 65dBA or 5dBA above ambient sound. 75dBA at the bed head is required in residential properties.*

## SPECIFICATION

	CENTRIFUGAL			SOLENOID		ELECTRONIC SOLENOID	
	4"	6"	8"			6"	6"
<b>Size</b>	4"	6"	8"			6"	6"
<b>Operating voltage (V DC)</b>	18-30	18-30	18-30			24	220/240
<b>Standard colour</b>	Red	Red	Red			Red	Red
<b>Current cons.</b>	20mA	25mA	28mA			30mA	25mA
<b>Sound output (dBA @ 1m)</b>	84	93/95	95/97			93/95	93/95
<b>Size (dia x depth mm)</b>	102x63	152x63	203x67			155x85	155x85
<b>Weight (kg)</b>	0.5	0.9	1.7			1.1	1.1
<b>Weatherproof</b>	No	No	No			Yes IP55	
<b>Movement</b>	Motor pinion and striker					Solenoid with electronic control	
<b>Line monitoring</b>	Two series diodes					-	

## ORDER CODES

CODE	DESCRIPTION	CODE	DESCRIPTION
<b>ECFB4D24</b>	4" Centrifugal	<b>EEB24</b>	6" Elect. solenoid 24V
<b>ECFB6D24</b>	6" Centrifugal	<b>EEBWP24</b>	6" Elect. solenoid 24V w.proof
<b>ECFB8D24</b>	8" Centrifugal	<b>EEB240</b>	6" Elect. solenoid 240V
		<b>EEBWP240</b>	6" Elect. solenoid 240V w.proof

\*w.proof = weatherproof

Other voltages and colours available