Alerting when life depends on it
Eaton and Cooper united.

Energizing a world that demands more.

We deliver:

- **Electrical solutions** that use less energy, improve power reliability and make the places we live and work safer and more comfortable
- **Hydraulic and electrical solutions** that enable machines to deliver more productivity without wasting power
- **Aerospace solutions** that make aircraft lighter, safer and less costly to operate, and help airports operate more efficiently
- **Vehicle drivetrain and powertrain solutions** that deliver more power to cars, trucks and buses, while reducing fuel consumption and emissions

Discover today’s Eaton.

Powering business worldwide

As a global power management company, we help customers worldwide manage the power needed for buildings, aircraft, trucks, cars, machinery and businesses. Eaton’s innovative technologies help customers manage electrical, hydraulic and mechanical power more reliably, efficiently, safely and sustainably.

We provide integrated solutions that help make energy, in all its forms, more practical and accessible.

With 2013 sales of $22 billion, Eaton has approximately 100,000 employees around the world and sells products in more than 175 countries.

Eaton.com
Innovation that leads the World

From globally certified fire alarm sounders, beacons and sounder beacons to robust industrial signaling products, Eaton’s Fulleon product line provides solutions to protect life and property for commercial and industrial applications.

Fulleon products have a reputation for constancy and reliability, and are the first choice for many companies looking for quality, compliance and risk free installation.

Expertise built on experience

The Fulleon product line is managed out of our UK facility in South Wales. All major functions are based on the one site including Design, Engineering, Manufacturing and Customer Services, ensuring a quick resolution to any questions you may have in regard to the status of your product or order.
Sounders for all applications

The Fulleon sounder portfolio is suitable for a wide variety of applications. The range includes the market leading RoLP sounder and the ultra low current Symphoni range, through to industrial sounders and bells.

All sounders are designed for easy installation and to fit with the majority of system applications.
The Roshni Low Profile (RoLP) is the fire alarm market's leading conventional sounder, although it finds uses in many applications, such as security, general signalling and process alarms.

With its recognisable body, wide operating voltage and international reputation for quality, the RoLP is a flexible sounder suitable for use in most applications.

**Features**
- 102dB(A) sound output
- 32 tones (user selectable)
- Two stage alarm
- Automatic synchronisation

**Benefits**
- Ideal for general signalling and Fire use
- Fire approved and general signalling tone options
- Alert and alarm function
- Improved tone clarity, reducing confusion

**Technical Specification**

<table>
<thead>
<tr>
<th>Specification</th>
<th>RoLP Shallow Base, Red Body</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Voltage</strong></td>
<td>9-15Vdc 18-28Vdc</td>
</tr>
<tr>
<td><strong>Current</strong></td>
<td>12mA (Typical Tone 3)</td>
</tr>
<tr>
<td><strong>Sound Output</strong></td>
<td>102dB(A) (Typical Tone 3)</td>
</tr>
<tr>
<td><strong>Tones</strong></td>
<td>32</td>
</tr>
<tr>
<td><strong>Volume</strong></td>
<td>Control 10dB</td>
</tr>
<tr>
<td><strong>Monitoring</strong></td>
<td>Reverse polarity</td>
</tr>
<tr>
<td><strong>Temperature</strong></td>
<td>-25°C to +70°C</td>
</tr>
<tr>
<td><strong>Protection</strong></td>
<td>IP54 (s)* IP65 (d)*</td>
</tr>
<tr>
<td><strong>Construction</strong></td>
<td>ABS</td>
</tr>
<tr>
<td><strong>Weight</strong></td>
<td>0.25Kg</td>
</tr>
<tr>
<td><strong>Colours</strong></td>
<td>Red or white</td>
</tr>
</tbody>
</table>

* Shallow Base
* Deep / U Base

**Catalogue Numbers**

<table>
<thead>
<tr>
<th>Reference</th>
<th>Cat No</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>ROLP/SV/R/S</td>
<td>540501FULL0389X</td>
<td>RoLP, Shallow Base, Red Body</td>
</tr>
<tr>
<td>ROLP/SV/W/S</td>
<td>540502FULL0406X</td>
<td>RoLP, Shallow Base, White Body</td>
</tr>
<tr>
<td>ROLP/SV/R/D</td>
<td>540503FULL0403X</td>
<td>RoLP, Deep Base, Red Body</td>
</tr>
<tr>
<td>ROLP/SV/W/D</td>
<td>540504FULL0410X</td>
<td>RoLP, Deep Base, White Body</td>
</tr>
<tr>
<td>ROLP/SV/R/U</td>
<td>540505FULL0390X</td>
<td>RoLP, U - Base, Red Body</td>
</tr>
<tr>
<td>ROLP/SV/W/U</td>
<td>540506FULL0441X</td>
<td>RoLP, U - Base, White Body</td>
</tr>
</tbody>
</table>
The RoLP Maxi is a higher output version of the well known market leading RoLP sounder. The adoption of new smart technology has allowed six key alarm tones to achieve 106dB(A), providing a more powerful fire sounder for increased recognition in louder environments.

**Features**
- 106dB(A) sound output
- 32 tones (user selectable)
- Two stage alarm
- Automatic synchronisation

**Benefits**
- Ideal for high ambient noise areas
- Fire approved and general signalling tone options
- Alert and alarm function
- Improved tone clarity, reducing confusion

**Technical Specification**

<table>
<thead>
<tr>
<th>Parameter</th>
<th>Specification</th>
</tr>
</thead>
<tbody>
<tr>
<td>Voltage</td>
<td>9-15Vdc 18-28Vdc</td>
</tr>
<tr>
<td>Current</td>
<td>40mA (Typical Tone 3)</td>
</tr>
<tr>
<td>Sound</td>
<td>Output 106dB(A) (Typical Tone 3)</td>
</tr>
<tr>
<td>Tones</td>
<td>32</td>
</tr>
<tr>
<td>Volume</td>
<td>Control 10dB</td>
</tr>
<tr>
<td>Monitoring</td>
<td>Reverse polarity</td>
</tr>
<tr>
<td>Temperature</td>
<td>-25°C to +70°C</td>
</tr>
<tr>
<td>Protection</td>
<td>IP54 (s)* IP65 (d)*</td>
</tr>
<tr>
<td>Construction</td>
<td>ABS</td>
</tr>
<tr>
<td>Weight</td>
<td>0.25Kg</td>
</tr>
<tr>
<td>Colours</td>
<td>Red or white</td>
</tr>
<tr>
<td></td>
<td>(s)* Shallow Base</td>
</tr>
<tr>
<td></td>
<td>(d)* Deep / U Base</td>
</tr>
</tbody>
</table>

**Dimensions**

- Ø93mm
- 63mm
- Shallow Base
- 93mm
- Deep Base

**Catalogue Numbers**

<table>
<thead>
<tr>
<th>Reference</th>
<th>Cat No</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>ROLPX/SV/R/S</td>
<td>540527FULL0396X</td>
<td>RoLP Maxi Shallow Base Red Body</td>
</tr>
<tr>
<td>ROLPX/SV/R/D</td>
<td>540576FULL0779X</td>
<td>RoLP Maxi Deep Base Red Body</td>
</tr>
<tr>
<td>ROLPX/SV/W/S</td>
<td>540577FULL0786X</td>
<td>RoLP Maxi Shallow Base White Body</td>
</tr>
<tr>
<td>ROLPX/SV/W/D</td>
<td>540578FULL0781X</td>
<td>RoLP Maxi Deep Base White Body</td>
</tr>
</tbody>
</table>
The CS 200 is an entry level sounder suitable for fire, security or general signalling applications. The clip-fit base allows for a number of wiring options and enables simple installation.

### Features
- 32 tones (user selectable)
- 12V or 24V option
- Secure clip fit base
- Volume control

### Benefits
- Fire approved and general signalling tone options
- For fire and security use
- Quick fitting for easy installation
- Reduce the sound output by 10dB

### Technical Specification

<table>
<thead>
<tr>
<th>Parameter</th>
<th>Specification</th>
</tr>
</thead>
<tbody>
<tr>
<td>Voltage</td>
<td>18-28Vdc</td>
</tr>
<tr>
<td>Current</td>
<td>13mA (Typical Tone 3)</td>
</tr>
<tr>
<td>Sound Output</td>
<td>100dB(A) (Typical Tone 3)</td>
</tr>
<tr>
<td>Tones</td>
<td>32</td>
</tr>
<tr>
<td>Volume Control</td>
<td>10dB</td>
</tr>
<tr>
<td>Monitoring</td>
<td>Reverse polarity</td>
</tr>
<tr>
<td>Temperature</td>
<td>-10°C to +55°C</td>
</tr>
<tr>
<td>Protection</td>
<td>IP21C</td>
</tr>
<tr>
<td>Construction</td>
<td>ABS</td>
</tr>
<tr>
<td>Weight</td>
<td>0.24Kg</td>
</tr>
<tr>
<td>Colour</td>
<td>Red or white</td>
</tr>
</tbody>
</table>

### Catalogue Numbers

<table>
<thead>
<tr>
<th>Reference</th>
<th>Cat No</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>CS200/SV/R/32</td>
<td>547013FULL0772X</td>
<td>CS200, Red, 32 Tones</td>
</tr>
</tbody>
</table>
The Askari Compact is a discrete sounder for flush or surface fixing. The innovative design provides an excellent combination of high sound output and attractive aesthetics, ideal for retail, hotel and residential applications.

Features
- 32 tones (user selectable)
- Automatic synchronisation
- Two stage alarm
- Discrete design

Benefits
- 6 tones certified for fire use
- Improved tone clarity, reducing confusion
- Alert and alarm function
- Can be flush or surface fixed

Dimensions

Technical Specification

<table>
<thead>
<tr>
<th>Feature</th>
<th>Specification</th>
</tr>
</thead>
<tbody>
<tr>
<td>Voltage</td>
<td>9-15Vdc 18-28Vdc</td>
</tr>
<tr>
<td>Current</td>
<td>18 mA (Typical Tone 3)</td>
</tr>
<tr>
<td>Sound Output</td>
<td>97dB(A) (Typical Tone 3)</td>
</tr>
<tr>
<td>Tones</td>
<td>32</td>
</tr>
<tr>
<td>Volume Control</td>
<td>10dB</td>
</tr>
<tr>
<td>Monitoring</td>
<td>Reverse polarity</td>
</tr>
<tr>
<td>Temperature</td>
<td>-10°C to +55°C</td>
</tr>
<tr>
<td>Protection</td>
<td>IP21C (with back box)</td>
</tr>
<tr>
<td>Construction</td>
<td>ABS</td>
</tr>
<tr>
<td>Weight</td>
<td>0.11Kg</td>
</tr>
<tr>
<td>Colours</td>
<td>Red or white</td>
</tr>
</tbody>
</table>

Catalogue Numbers

<table>
<thead>
<tr>
<th>Reference</th>
<th>Cat No</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>AC/SV/R/S/BB</td>
<td>550068FULL0142X</td>
<td>Askari Compact Sounder, Red, Surface(BB), Tone select switch, Volume control</td>
</tr>
<tr>
<td>AC/SV/W/S/BB</td>
<td>550072FULL0216X</td>
<td>Askari Compact Sounder, White, Surface(BB), Tone select switch, Volume control</td>
</tr>
</tbody>
</table>
The Symphoni is an extremely efficient wall sounder well suited for large installations where ultra-low current is critical. There is a standard version, providing UK alarm tones and an “E” version that has tones including the German DIN tone and the Netherlands Slow Whoop.

An IP66 rated WP version is also available.

### Features
- Low 5mA current consumption
- 100dB(A)
- Automatic synchronisation
- Weatherproof option

### Benefits
- Maximises the number of devices on a system
- Certified for Fire use
- Improved tone clarity, reducing confusion
- Suitable for outdoor use

### Technical Specification

<table>
<thead>
<tr>
<th>Specification</th>
<th>Value</th>
</tr>
</thead>
<tbody>
<tr>
<td>Voltage</td>
<td>18 - 30Vdc</td>
</tr>
<tr>
<td>Current</td>
<td>5mA</td>
</tr>
<tr>
<td>Sound Output</td>
<td>100dB(A)</td>
</tr>
<tr>
<td>Tones</td>
<td>3</td>
</tr>
<tr>
<td>Volume Control</td>
<td>10dB</td>
</tr>
<tr>
<td>Monitoring</td>
<td>Reverse polarity</td>
</tr>
<tr>
<td>Temperature</td>
<td>-10°C to +55°C</td>
</tr>
<tr>
<td></td>
<td>-25°C to +70°C (WP)</td>
</tr>
<tr>
<td>Protection</td>
<td>IP21C, IP66 (WP)</td>
</tr>
<tr>
<td>Construction</td>
<td>ABS</td>
</tr>
<tr>
<td>Weight</td>
<td>0.21Kg, 0.32Kg (WP)</td>
</tr>
<tr>
<td>Colours</td>
<td>Red or white</td>
</tr>
</tbody>
</table>

### Catalogue Numbers

<table>
<thead>
<tr>
<th>Reference</th>
<th>Cat No</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>SY/R</td>
<td>650001FULL0003X</td>
<td>Symphoni Sounder Red</td>
</tr>
<tr>
<td>SY/W1</td>
<td>650002FULL0004X</td>
<td>Symphoni Sounder White</td>
</tr>
<tr>
<td>SY/R/E</td>
<td>650008FULL0073X</td>
<td>Symphoni Sounder, Red, European tone version</td>
</tr>
<tr>
<td>SY/W1/E</td>
<td>650009FULL0074X</td>
<td>Symphoni Sounder, Signal White, European tone version</td>
</tr>
<tr>
<td>SY/IP/W</td>
<td>654036FULL0225X</td>
<td>Symphoni Sounder, White, WP IP66</td>
</tr>
</tbody>
</table>
Compact design delivering up to 120dB(A) the Symphonon High Output provides an ideal solution to your signalling challenges. Producing levels of up to 120dB(A) this sounder can be used in open areas or in situations having higher than normal background noise levels. Despite its high output the unit is efficient and offers relatively low current consumption.

An IP66 rated WP version is also available.

**Features**
- High output up to 120dB(A)
- Two stage alarm
- 32 tones (user selectable)
- Weatherproof option

**Benefits**
- Ideal for high noise environments
- Alert and alarm function
- 6 tones certified for fire use
- Suitable for outdoor use

**Technical Specification**

<table>
<thead>
<tr>
<th>Spec</th>
<th>Value</th>
</tr>
</thead>
<tbody>
<tr>
<td>Voltage</td>
<td>18 - 28Vdc</td>
</tr>
<tr>
<td>Current</td>
<td>240mA (Typical Tone 3)</td>
</tr>
<tr>
<td>Sound Output</td>
<td>114dB(A) (Typical Tone 3)</td>
</tr>
<tr>
<td></td>
<td>120dB(A) (Typical Tone 6)</td>
</tr>
<tr>
<td>Tones</td>
<td>32</td>
</tr>
<tr>
<td>Volume Control</td>
<td>20dB</td>
</tr>
<tr>
<td>Monitoring</td>
<td>Reverse polarity</td>
</tr>
<tr>
<td>Temperature</td>
<td>-10°C to +55°C</td>
</tr>
<tr>
<td></td>
<td>-25°C to +70°C (WP)</td>
</tr>
<tr>
<td>Protection</td>
<td>IP21C, IP66 (WP)</td>
</tr>
<tr>
<td>Construction</td>
<td>ABS, PC lens</td>
</tr>
<tr>
<td>Weight</td>
<td>0.58Kg, 0.68Kg (WP)</td>
</tr>
<tr>
<td>Colours</td>
<td>Red or white</td>
</tr>
</tbody>
</table>
The Symphoni Voice+ is an ultra-low current sounder that can be supplied with up to 16 voice messages. Normally the unit is loaded with 3 commonly used messages. The sounder also has international tones available and a user selectable setting so that messages can be played without the use of a tone.

Features
- Up to 16 messages
- 7 user selectable tones
- Bespoke message creation
- Low 4mA current consumption

Benefits
- Fire, alert and general warning messages available
- Easy to configure at installation
- Any message, in any language
- Maximises the number of units on a circuit

Technical Specification

<table>
<thead>
<tr>
<th>Feature</th>
<th>Specification</th>
</tr>
</thead>
<tbody>
<tr>
<td>Voltage</td>
<td>9 - 60Vdc</td>
</tr>
<tr>
<td>Current</td>
<td>4mA Low 8mA High</td>
</tr>
<tr>
<td>Sound Output</td>
<td>100dB(A) Typical</td>
</tr>
<tr>
<td>Tones</td>
<td>7 user selectable + no tone option</td>
</tr>
<tr>
<td>Volume Control</td>
<td>10dB</td>
</tr>
<tr>
<td>Monitoring</td>
<td>Reverse polarity</td>
</tr>
<tr>
<td>Temperature</td>
<td>-10°C to +55°C, -25°C to +70°C (WP)</td>
</tr>
<tr>
<td>Protection</td>
<td>IP21C, IP33C (WP)</td>
</tr>
<tr>
<td>Construction</td>
<td>ABS</td>
</tr>
<tr>
<td>Weight</td>
<td>0.21Kg, 0.32Kg (WP)</td>
</tr>
<tr>
<td>Colours</td>
<td>Red or white</td>
</tr>
</tbody>
</table>

Dimensions

<table>
<thead>
<tr>
<th>Dimension</th>
<th>Measurement</th>
</tr>
</thead>
<tbody>
<tr>
<td>Ø105mm</td>
<td></td>
</tr>
<tr>
<td>Ø105mm</td>
<td>100mm WP</td>
</tr>
<tr>
<td>Ø105mm</td>
<td></td>
</tr>
<tr>
<td>Ø105mm</td>
<td>110mm WP</td>
</tr>
</tbody>
</table>

Catalogue Numbers

<table>
<thead>
<tr>
<th>Reference</th>
<th>Cat No</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>SYV/R/V+ VP001ASY</td>
<td>680003FULL-0003X</td>
<td>Symphoni Voice Sounder, Red</td>
</tr>
<tr>
<td>SYV/W1/V+ VP001ASY</td>
<td>680004FULL-0004X</td>
<td>Symphoni Voice Sounder, White</td>
</tr>
</tbody>
</table>

Contact customer service for details on how to order voice messages
The third generation Squashni G3 amalgamates the best features from the previous Squashni and Squashni Micro versions. The large flat surface allows the mounting of a large range of European detectors, while the high efficiency and low operating current permit compatibility with many systems.

Features
• Universal detector platform
• First fix base
• Low current consumption
• Tamper proof cap option

Benefits
• Fits the majority of detectors for increased flexibility
• Speeds up installation
• Maximises the number of devices on a system
• For use without a detector

Technical Specification

<table>
<thead>
<tr>
<th>Feature</th>
<th>Specification</th>
</tr>
</thead>
<tbody>
<tr>
<td>Voltage</td>
<td>18 - 28Vdc</td>
</tr>
<tr>
<td>Current</td>
<td>4/5mA</td>
</tr>
<tr>
<td>Sound Output</td>
<td>90dB(A)</td>
</tr>
<tr>
<td>Tones</td>
<td>8</td>
</tr>
<tr>
<td>Volume Control</td>
<td>10dB</td>
</tr>
<tr>
<td>Monitoring</td>
<td>Reverse polarity</td>
</tr>
<tr>
<td>Temperature</td>
<td>-10°C to +55°C</td>
</tr>
<tr>
<td>Protection</td>
<td>IP21C</td>
</tr>
<tr>
<td>Construction</td>
<td>ABS</td>
</tr>
<tr>
<td>Weight</td>
<td>0.16Kg</td>
</tr>
<tr>
<td>Colours</td>
<td>White</td>
</tr>
</tbody>
</table>

Dimensions

Catalogue Numbers

<table>
<thead>
<tr>
<th>Reference</th>
<th>Cat No</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>SQG3/SDRW</td>
<td>666058FULL0098X</td>
<td>Squashni G3 Sounder white</td>
</tr>
</tbody>
</table>
The 120dB (A) IP66 rated Asserta warning sounder is designed to cope with harsh environments where robustness is required for extra protection. Design features are incorporated to ensure safe and easy installation, while providing flexibility with fewer product variants.

**Features**
- Powerful 120dB(A) output
- 3 stage alarm and time out function
- 42 alarm tones
- Robust design with IP66 protection

**Benefits**
- Maximum sound output for high noise environments
- 3 levels of alarm for differing warning states
- Large range of tone options
- For demanding environments in non-hazardous areas

**Technical Specification**

<table>
<thead>
<tr>
<th><strong>Voltage</strong></th>
<th>18 - 28Vac</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Current</strong></td>
<td>120dB(A) - 450mA @ 24Vac</td>
</tr>
<tr>
<td><strong>Output</strong></td>
<td>120dB(A) (Typical Tone 3)</td>
</tr>
<tr>
<td><strong>Tones</strong></td>
<td>42</td>
</tr>
<tr>
<td><strong>Alarm Stages</strong></td>
<td>3</td>
</tr>
<tr>
<td><strong>Volume Control</strong></td>
<td>10dB(A)</td>
</tr>
<tr>
<td><strong>Time Out</strong></td>
<td>5 mins - 40 mins (user selectable)</td>
</tr>
<tr>
<td><strong>Monitoring</strong></td>
<td>Reverse polarity (dc version)</td>
</tr>
<tr>
<td><strong>Temperature</strong></td>
<td>-25°C to +70°C</td>
</tr>
<tr>
<td><strong>Protection</strong></td>
<td>IP66</td>
</tr>
<tr>
<td><strong>Construction</strong></td>
<td>ABS</td>
</tr>
<tr>
<td><strong>Weight</strong></td>
<td>1.6Kg (dc version)</td>
</tr>
<tr>
<td></td>
<td>2.5Kg (mains version)</td>
</tr>
<tr>
<td><strong>Colour</strong></td>
<td>Red or grey</td>
</tr>
</tbody>
</table>

**Dimensions**

- 168mm Square
- 55mm

**Catalogue Numbers**

<table>
<thead>
<tr>
<th><strong>Reference</strong></th>
<th><strong>Cat No</strong></th>
<th><strong>Description</strong></th>
</tr>
</thead>
<tbody>
<tr>
<td>AS/S/24/120/R</td>
<td>7011124FUL0012X</td>
<td>Asserta Sounder, 24V, Red, 120dB</td>
</tr>
<tr>
<td>AS/S/24/120/G</td>
<td>7092272FUL0149X</td>
<td>Asserta Sounder, 24V, Grey, 120dB</td>
</tr>
</tbody>
</table>
The 111dB (A) IP66 rated Asserta Midi Sounder is a versatile, compact unit that has been designed for industrial environments or areas where there is a requirement for a physically robust alarm.

Features
- 111dB(A) output
- 32 Alarm tones
- 2 stage alarm
- Robust design with IP66 protection

Benefits
- Large range of tone options
- Alert and alarm function
- For demanding environments in non-hazardous area

Technical Specification

<table>
<thead>
<tr>
<th>Feature</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>Voltage</td>
<td>9 - 60Vdc</td>
</tr>
<tr>
<td>Current</td>
<td>24mA @ 24Vdc (Typical Tone 3)</td>
</tr>
<tr>
<td>Sound Output</td>
<td>108dB(A) @ 24Vdc (Typical Tone 3)</td>
</tr>
<tr>
<td>Tones</td>
<td>32</td>
</tr>
<tr>
<td>Alarm Stages</td>
<td>2</td>
</tr>
<tr>
<td>Monitoring</td>
<td>Reverse polarity (dc only)</td>
</tr>
<tr>
<td>Temperature</td>
<td>-25°C to +70°C</td>
</tr>
<tr>
<td>Protection</td>
<td>IP66</td>
</tr>
<tr>
<td>Construction</td>
<td>ABS</td>
</tr>
<tr>
<td>Weight</td>
<td>0.5Kg (dc version)</td>
</tr>
<tr>
<td></td>
<td>0.7Kg (mains version)</td>
</tr>
<tr>
<td>Colour</td>
<td>Red or grey</td>
</tr>
</tbody>
</table>

Catalogue Numbers

<table>
<thead>
<tr>
<th>Reference</th>
<th>Cat No</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>AS/M/S/9-60V/R</td>
<td>7041134FUL0020X</td>
<td>Asserta MIDI Sounder, Red, 9 to 60Vdc</td>
</tr>
<tr>
<td>AS/M/S/9-60/G</td>
<td>7041214FUL0176X</td>
<td>Asserta MIDI Sounder, Grey, 9 to 60Vdc</td>
</tr>
</tbody>
</table>
Innovation through optical and LED technology

The market for Beacons is changing, within Europe the introduction of EN54-23 has required the development of a new range of powerful beacons able to deliver a higher light output to a given area of coverage. The Fulleon LX range is approved to the new standard and through its patented optics and innovative electronics, delivers a market leading current consumption of 10mA.

For areas outside Europe and for indication purposes within, the Solista Maxi and the Solex Xenon offer a tried and tested solution based on over 30 years of experience in beacon design.

Eaton has a wide range of resources to aid the adoption of EN 54-23. Visit the LX Range Resources section on www.cooperfulleon.com for further information.
The Solista LX Wall is suitable for a variety of applications, available in a red or white body and compatible with the full range of 6 bases.

A patented lens design distributes light to achieve the required illumination specified by EN 54-23, whilst using minimum current consumption.

**Features**
- Ultra low current consumption of 10mA
- Up to 7.5m room coverage
- 0.5Hz or 1Hz flash rate
- Coverage switch to 2.5m

**Benefits**
- Use where current consumption is a key consideration
- Ideal for bedrooms, bathrooms and toilets
- Switch flash rate to 0.5Hz to reduce current consumption
- Reduces power consumption by up to 50%

**Technical Specification**
- **Mounting Type**: Wall
- **Voltage**: 9 - 60VDC
- **Current**: 10 - 25mA dependent on setting
- **Coverage (y)**: 7.5m (Switchable to 2.5m)*
- **Mounting Height (x)**: 2.4m (max)
- **Coverage Volume Code**: W-2.4-7.5
- **Coverage Volume**: 136m³ (15m³)
- **Flash Rate**: 1Hz (Switchable to 0.5Hz)
- **Operating Temperature**: -25°C to +70°C
- **Monitoring**: Reverse Polarity
- **Protection**: IP33C Shallow Base, IP65 Deep and U Base
- **Weight**: 100g
- **Body Colour**: White or Red
- **Flash Colour**: White or Red

* CNPP test results

**Catalogue Numbers**

<table>
<thead>
<tr>
<th>Reference</th>
<th>Cat No</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>SOLWX-WF/R1/S</td>
<td>812007FULL0108X</td>
<td>Solista LX-Wall, White Flash, Red Body, Shallow Base</td>
</tr>
<tr>
<td>SOLWX-WF/R1/D</td>
<td>812008FULL0109X</td>
<td>Solista LX-Wall, White Flash, Red Body, Deep Base</td>
</tr>
<tr>
<td>SOLWX-WF/R/1/S</td>
<td>812013FULL0114X</td>
<td>Solista LX-Wall, Red Flash, Red Body, Shallow Base</td>
</tr>
<tr>
<td>SOLWX-WF/R/1/D</td>
<td>812005FULL0107X</td>
<td>Solista LX-Wall, Red Flash, Red Body, Deep Base</td>
</tr>
<tr>
<td>SOLWX-WF/W1/S</td>
<td>812015FULL0116X</td>
<td>Solista LX-Wall, Red Flash, White Body, Shallow Base</td>
</tr>
<tr>
<td>SOLWX-WF/W1/D</td>
<td>812016FULL0117X</td>
<td>Solista LX-Wall, Red Flash, White Body, Deep Base</td>
</tr>
</tbody>
</table>

For full list of part numbers, turn to page 79
The Solista LX Ceiling has a unique lens design that distributes the light in a cylindrical shape to achieve the required illumination specified by EN 54-23. Designed for installation at a height of up to 3m and with a discrete appearance, the device is ideal for a variety of applications, including bedrooms, bathrooms and toilets.

**Features**
- Ultra low current consumption of 10mA
- Up to 7.5m coverage volume
- 0.5Hz or 1Hz Flash rate
- Coverage switch to 3m

**Benefits**
- Use where current consumption is a key consideration
- Ideal for bedrooms, bathrooms and toilets
- Switch flash rate to 0.5Hz to reduce current consumption
- Reduces power consumption by up to 50%

**Dimensions**

**Catalogue Numbers**

<table>
<thead>
<tr>
<th>Reference</th>
<th>Cat No</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>SOL-LX-C/F/W1/S</td>
<td>812020FULL0121X</td>
<td>Solista LX Ceiling, White Flash, White Body, Shallow Base</td>
</tr>
<tr>
<td>SOL-LX-C/F/W1/D</td>
<td>812021FULL0122X</td>
<td>Solista LX Ceiling, White Flash, White Body, Deep Base</td>
</tr>
<tr>
<td>SOL-LX-C/RF/W1/S</td>
<td>812022FULL0123X</td>
<td>Solista LX Ceiling, Red Flash, White Body, Shallow Base</td>
</tr>
<tr>
<td>SOL-LX-C/RF/W1/D</td>
<td>812023FULL0124X</td>
<td>Solista LX Ceiling, Red Flash, White Body, Deep Base</td>
</tr>
</tbody>
</table>

For full list of part numbers, turn to page 79

**Technical Specification**

<table>
<thead>
<tr>
<th>Mounting Type</th>
<th>Ceiling</th>
</tr>
</thead>
<tbody>
<tr>
<td>Voltage</td>
<td>9 - 60VDC</td>
</tr>
<tr>
<td>Current</td>
<td>10 - 25mA dependent on setting</td>
</tr>
<tr>
<td>Coverage [y]</td>
<td>7.5m (Switchable to 3m)*</td>
</tr>
<tr>
<td>Mounting Height [x]</td>
<td>3m (max)</td>
</tr>
<tr>
<td>Coverage Volume Code</td>
<td>C-3-75</td>
</tr>
<tr>
<td>Coverage Volume</td>
<td>132m³ (21m³)</td>
</tr>
<tr>
<td>Flash Rate</td>
<td>1Hz (Switchable to 0.5Hz)</td>
</tr>
<tr>
<td>Operating Temperature</td>
<td>-25°C to +70°C</td>
</tr>
<tr>
<td>Monitoring</td>
<td>Reverse Polarity</td>
</tr>
<tr>
<td>Protection</td>
<td>IP 33C Shallow Base  IP 65 Deep and U Base</td>
</tr>
<tr>
<td>Weight</td>
<td>100g</td>
</tr>
<tr>
<td>Body Colour</td>
<td>White or Red</td>
</tr>
<tr>
<td>Flash Colour</td>
<td>White or Red</td>
</tr>
</tbody>
</table>

* CNPP test results
The Solista Maxi is an attractive LED beacon that allows the user the choice between economy and performance. In the economy modes the Solista Maxi performs extremely efficiently requiring as little as 3mA, but it can be switched to attain a much higher light output where visibility is the prime objective. Even greater effectiveness can be achieved by selecting a double flash sequence.

**Features**
- Ultra low current consumption
- LED technology
- Long service life
- Compact size

**Benefits**
- Use where current consumption is a key consideration
- Ensures high efficiency and longer life
- Reduces the replacement costs
- Discrete option where building design is a priority

**Technical Specification**

<table>
<thead>
<tr>
<th>Feature</th>
<th>Specification</th>
</tr>
</thead>
<tbody>
<tr>
<td>Voltage</td>
<td>9 - 60Vdc</td>
</tr>
<tr>
<td>Current</td>
<td>3 / 5 / 15mA (user selectable)</td>
</tr>
<tr>
<td>Light Output</td>
<td>0.5 / 1 / 3cd (user selectable)</td>
</tr>
<tr>
<td>Flash Rate</td>
<td>Single flash @ 1Hz</td>
</tr>
<tr>
<td></td>
<td>Double flash @ 1Hz</td>
</tr>
<tr>
<td></td>
<td>Continuous (user selectable)</td>
</tr>
<tr>
<td>Monitoring</td>
<td>Reverse polarity</td>
</tr>
<tr>
<td>Temperature</td>
<td>-10°C to +55°C</td>
</tr>
<tr>
<td>Protection</td>
<td>IP21C (s)* IP65 (d)*</td>
</tr>
<tr>
<td>Construction</td>
<td>Base ABS, FR, PC lens</td>
</tr>
<tr>
<td>Weight</td>
<td>0.1Kg</td>
</tr>
<tr>
<td>Colour</td>
<td>Red or white</td>
</tr>
<tr>
<td>Flash colour</td>
<td>Red, amber, blue, green or white</td>
</tr>
<tr>
<td></td>
<td>(s)* Shallow Base</td>
</tr>
<tr>
<td></td>
<td>(d)* Deep / U Base</td>
</tr>
</tbody>
</table>

**Dimensions**

- **Ø 93mm**
- **Shallow Base**
- **Deep / U Base**

**Catalogue Numbers**

<table>
<thead>
<tr>
<th>Reference</th>
<th>Cat No</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>SOLX/RF/RL/R/S</td>
<td>811021FULL0037</td>
<td>Solista Maxi, Red Body, Red Flash, Red Lens, Shallow Base</td>
</tr>
<tr>
<td>SOLX/RF/RL/R/D</td>
<td>811020FULL0036</td>
<td>Solista Maxi, Red Body, Red Flash, Red Lens, Deep Base</td>
</tr>
<tr>
<td>SOLX/RF/CL/R/S</td>
<td>811041FULL0006</td>
<td>Solista Maxi, Red Body, Red Flash, Clear Lens, Shallow Base</td>
</tr>
<tr>
<td>SOLX/RF/CL/A/W/S</td>
<td>811023FULL0039</td>
<td>Solista Maxi, White Body, Red Flash, Clear Lens, Shallow Base</td>
</tr>
<tr>
<td>SOLX/RF/RL/W/D</td>
<td>811024FULL0040</td>
<td>Solista Maxi, White Body, Red Flash, Clear Lens, Deep Base</td>
</tr>
</tbody>
</table>

For full list of part numbers, turn to page 79
Features

- 3 light output options
- 5 lens colour options
- 9-60V
- Tamper switch option

Benefits

- Manage the current to suit your application
- Use for fire warning or general signalling
- Wide operating voltage for maximum flexibility
- For use where security is an issue (tamper switch)

Due to its wide operating voltage and automatic synchronisation, the Solex beacon is a flexible solution for all types of alarm and monitoring systems.

Powered by Xenon technology, the Solex is a cost effective solution that can compliment audible alarms in high-noise environments.

Technical Specification

<table>
<thead>
<tr>
<th>Feature</th>
<th>Specification</th>
</tr>
</thead>
<tbody>
<tr>
<td>Voltage</td>
<td>9 - 60Vdc</td>
</tr>
<tr>
<td>Current</td>
<td>3 / 5 / 15mA (user selectable)</td>
</tr>
<tr>
<td>Light Output</td>
<td>0.5 / 1 / 3cd (user selectable)</td>
</tr>
<tr>
<td>Flash Rate</td>
<td>Single flash @ 1Hz</td>
</tr>
<tr>
<td></td>
<td>Double flash @ 1Hz</td>
</tr>
<tr>
<td></td>
<td>Continuous (user selectable)</td>
</tr>
<tr>
<td>Monitoring</td>
<td>Reverse polarity</td>
</tr>
<tr>
<td>Temperature</td>
<td>-10°C to +55°C</td>
</tr>
<tr>
<td>Protection</td>
<td>IP21C (s)* IP65 (d)*</td>
</tr>
<tr>
<td>Construction</td>
<td>Base ABS, FR, PC lens</td>
</tr>
<tr>
<td>Weight</td>
<td>0.1 Kg</td>
</tr>
<tr>
<td>Colour</td>
<td>Red or white</td>
</tr>
<tr>
<td>Flash colour</td>
<td>Red, amber, blue, green or white</td>
</tr>
<tr>
<td></td>
<td>(s)* Shallow Base</td>
</tr>
<tr>
<td></td>
<td>(d)* Deep / U Base</td>
</tr>
</tbody>
</table>

Catalogue Numbers

<table>
<thead>
<tr>
<th>Reference</th>
<th>Cat No</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>SO/R/SR/3C</td>
<td>531025FULL0061</td>
<td>Solex Beacon, Red Lens, Red Body, Shallow Base, 3cd</td>
</tr>
<tr>
<td>SO/R/DR/3C</td>
<td>531025FULL0087</td>
<td>Solex Beacon, Red Lens, Red Body, Deep Base, 3cd</td>
</tr>
<tr>
<td>SO/R/SR/10C</td>
<td>531024FULL0060</td>
<td>Solex Beacon, Red Lens, Red Body, Shallow Base, 10cd</td>
</tr>
<tr>
<td>SO/R/DR/10C</td>
<td>531024FULL0088</td>
<td>Solex Beacon, Red Lens, Red Body, Deep Base, 10cd</td>
</tr>
<tr>
<td>SO/R/SR/15C</td>
<td>531028FULL0064</td>
<td>Solex Beacon, Red Lens, Red Body, Shallow Base, 15cd</td>
</tr>
<tr>
<td>SO/R/DR/15C</td>
<td>531028FULL0111</td>
<td>Solex Beacon, Red Lens, Red Body, Deep Base, 15cd</td>
</tr>
</tbody>
</table>

For full list of part numbers, turn to page 79
Audible and visual signalling for Fire and Emergency Signalling

The combination of sound and light has been shown to improve awareness of an alarm by building occupants. The range of integrated sounder beacons from Eaton is suitable for a wide variety of applications and includes the new LX range, which was developed specifically to meet the new European beacon standard for fire alarms EN 54-23. The LX Range sounder beacons are based on the popular Rolp and Symphoni product platforms, providing reassuring quality and proven performance.

Innovation can be found with the Squashni LX base, designed to fit with most smoke detectors, it offers a light output that matches the footprint of a heat or smoke detector, reducing the number of devices required, keeping costs down. For outside the E.U and for notification within, traditional sounder beacon solutions can be found within the Flashni range and for harsh environments, the Asserta, offering IP66 protection and a robust construction, making it suitable for safe area industrial applications.

Eaton has a wide range of resources to aid the adoption of EN 54-23. Visit the LX Range Resources section on [www.cooperfulleon.com](http://www.cooperfulleon.com) for further information.
The RoLP LX Wall is ideal for dual use applications where a visual alarm device is required in addition to an audible alarm.

Based on the popular Roshni product platform, the RoLP LX is a reliable, high performing VAD (Visual Alarm Device) that is certified to EN 54-23.

Recommended for wall use and requiring just one installation point, the RoLP LX Wall is also available as a base only for use with any standard RoLP sounder, including the high output RoLP Maxi sounder.

Features
- Ultra low current consumption
- RoLP and RoLP Maxi sounder options
- Up to 7.5m coverage volume (switchable to 2.5m)
- 0.5 or 1Hz flash rate

Benefits
- Use where current consumption is a key consideration
- Delivering up to 106dB(A) sound output
- Ideal for bedrooms, bathrooms and toilets
- Switch flash rate to 0.5Hz to reduce current consumption

Catalogue Numbers

<table>
<thead>
<tr>
<th>Reference</th>
<th>Cat No</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>ROLPW1/LX-W/RF</td>
<td>8500024FULL-0024X</td>
<td>RoLP LX Wall, Red Flash, White Body</td>
</tr>
<tr>
<td>ROLPR1/LX-W/RF</td>
<td>8500025FULL-0025X</td>
<td>RoLP LX Wall, Red Flash, Red Body</td>
</tr>
<tr>
<td>ROLPR1/LX-WWF</td>
<td>8500023FULL-0023X</td>
<td>RoLP LX Wall, White Flash, Red Body</td>
</tr>
<tr>
<td>ROLPKW1/LX-W/RF</td>
<td>8500029FULL-0029X</td>
<td>RoLP Maxi LX Wall, Red Flash, White Body</td>
</tr>
<tr>
<td>ROLPX/R1/LX-W/RF</td>
<td>8500030FULL-0030X</td>
<td>RoLP Maxi LX Wall, Red Flash, Red Body</td>
</tr>
<tr>
<td>ROLPX/R1/LX-WWF</td>
<td>8500028FULL-0028X</td>
<td>RoLP Maxi, LX Wall, White Flash, Red Body</td>
</tr>
</tbody>
</table>

For full list of part numbers, turn to page 80

Technical Specification

<table>
<thead>
<tr>
<th>Mounting</th>
<th>Wall</th>
</tr>
</thead>
<tbody>
<tr>
<td>Voltage</td>
<td>18 - 28VDC (Fire Use) 9 - 15VDC (Fire Use)</td>
</tr>
<tr>
<td>Current</td>
<td>22 - 37mA dependent on setting (Sounder and beacon; tone 3)</td>
</tr>
<tr>
<td>Coverage (y)</td>
<td>75m (Switchable to 2.5m)*</td>
</tr>
<tr>
<td>Mounting Height (x)</td>
<td>2.4m (max)</td>
</tr>
<tr>
<td>Coverage Volume Code</td>
<td>W-2.4-75</td>
</tr>
<tr>
<td>Coverage Volume</td>
<td>138m³ (15m³)</td>
</tr>
<tr>
<td>Flash Rate</td>
<td>1Hz (Switchable to 0.5Hz)</td>
</tr>
<tr>
<td>Operating Temperature</td>
<td>-25°C to +70°C</td>
</tr>
<tr>
<td>Monitoring</td>
<td>Reverse Polarity</td>
</tr>
<tr>
<td>Protection</td>
<td>IP65</td>
</tr>
<tr>
<td>Weight</td>
<td>200g</td>
</tr>
<tr>
<td>Body Colour</td>
<td>White or Red</td>
</tr>
<tr>
<td>Flash Colour</td>
<td>White or Red</td>
</tr>
<tr>
<td>Sound Output</td>
<td>102dB(A) (Typical tone 3 - RoLP)</td>
</tr>
</tbody>
</table>

* CNPP test results
The Symphoni LX Wall is a durable sounder beacon that is certified to EN 54-23. Boasting impressive performance and a durable design, it ensures reliability and energy efficiency. Its high sound output makes it suitable for open areas or where there is higher than normal background noise. There is a standard version, providing UK alarm tones and an 'E' version that has tones including the German DIN tone and the Netherlands Slow Whoop.

The Symphoni LX is also available as a ‘base-only’ variant, meaning existing Symphoni sounders can be retro-fitted into an EN 54-23 approved base.

**Features**
- Ultra low current consumption
- Up to 7.5m coverage volume (switchable to 2.5m)
- 0.5 or 1Hz Flash rate
- Coverage switch to 2.5m

**Benefits**
- Use where current consumption is a key consideration
- Ideal for bedrooms, bathrooms and toilets
- Switch flash rate to 0.5Hz to reduce current consumption
- Reduces power consumption by up to 50%

**Technical Specification**

<table>
<thead>
<tr>
<th>Mounting</th>
<th>Wall</th>
</tr>
</thead>
<tbody>
<tr>
<td>Voltage</td>
<td>18 - 28VDC (Fire Use)</td>
</tr>
<tr>
<td>Current</td>
<td>15 - 30mA dependent on setting (Sounder; tone 29)</td>
</tr>
<tr>
<td>Coverage (y)</td>
<td>75m (Switchable to 2.5m)</td>
</tr>
<tr>
<td>Mounting Height (x)</td>
<td>2.4m (max)</td>
</tr>
<tr>
<td>Coverage Volume Code</td>
<td>W-2.4-75</td>
</tr>
<tr>
<td>Coverage Volume</td>
<td>135 m³ (15m³)</td>
</tr>
<tr>
<td>Flash Rate</td>
<td>1Hz (Switchable to 0.5Hz)</td>
</tr>
<tr>
<td>Operating Temperature</td>
<td>-10°C to +55°C, -25°C to +70°C (WP)</td>
</tr>
<tr>
<td>Monitoring</td>
<td>Reverse Polarity</td>
</tr>
<tr>
<td>Protection</td>
<td>IP21C, IP66 (WP)</td>
</tr>
<tr>
<td>Weight</td>
<td>200g</td>
</tr>
<tr>
<td>Body Colour</td>
<td>White or Red</td>
</tr>
<tr>
<td>Flash Colour</td>
<td>White or Red</td>
</tr>
<tr>
<td>Sound Output</td>
<td>100dB(A) (Typical tone 29 - Symphoni)</td>
</tr>
</tbody>
</table>

**Catalogue Numbers**

<table>
<thead>
<tr>
<th>Reference</th>
<th>Cat No</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>SYG1/LX-W/RF/W1</td>
<td>8500044FULL0044X</td>
<td>Symphoni LX Wall, Red Flash, White Body</td>
</tr>
<tr>
<td>SYG1/LX-W/RF/R1</td>
<td>8500045FULL0045X</td>
<td>Symphoni LX Wall, Red Flash, Red Body</td>
</tr>
<tr>
<td>SYG1/E/LX-W/RF/W1</td>
<td>8500054FULL0054X</td>
<td>Symphoni LX Wall, Red Flash, White Body, European tone</td>
</tr>
<tr>
<td>SYG1/E/LX-W/RF/R1</td>
<td>8500055FULL0055X</td>
<td>Symphoni LX Wall, Red Flash, Red Body, European tone</td>
</tr>
<tr>
<td>SYG1/LX-W/RF/R1/WP</td>
<td>8500050FULL0050X</td>
<td>Symphoni WP LX Wall, Red Flash, Red Body</td>
</tr>
<tr>
<td>SYHQLX-W/RF/R1</td>
<td>8500075FULL0075X</td>
<td>Symphoni HQ LX Wall, Red Flash, Red Body</td>
</tr>
</tbody>
</table>

Symphoni Voice+ LX Wall is available, with 16 voice messages, including international tones. Please contact customer services for more details.
The unique Squashni LX Base ceiling device refracts light around a smoke or heat detector to provide the required illumination demanded by EN 54-23.

Delivering a coverage volume radius of 15m, and a square area of 10.6m, the product is designed in line with the spacing specifications for both smoke and heat detectors.

The Squashni’s universal fitting means almost all detectors can be incorporated directly into the unit.

**Features**

- Up to 15m coverage
- Can be fitted with any standard detector
- LED technology
- White Flash

**Benefits**

- Ideal for large public areas
- Saves on installation costs
- Flash Rate Switch improves energy efficiency
- Flexibility in system design

**Dimensions**

<table>
<thead>
<tr>
<th>Dimension</th>
<th>Size</th>
</tr>
</thead>
<tbody>
<tr>
<td>Diameter</td>
<td>133mm</td>
</tr>
<tr>
<td>Height</td>
<td>46mm</td>
</tr>
</tbody>
</table>

**Technical Specification**

<table>
<thead>
<tr>
<th>Specification</th>
<th>Details</th>
</tr>
</thead>
<tbody>
<tr>
<td>Mounting type</td>
<td>Ceiling</td>
</tr>
<tr>
<td>Voltage</td>
<td>16 - 28VDC (Fire Use) 9-15VDC (Fire Use) 9 - 28VDC (Non Fire Use)</td>
</tr>
<tr>
<td>Current</td>
<td>65 - 130mA dependent on setting</td>
</tr>
<tr>
<td>Coverage (y)</td>
<td>15m (switchable to 5m)</td>
</tr>
<tr>
<td>Mounting Height (x)</td>
<td>3m (max)</td>
</tr>
<tr>
<td>Coverage Volume Code</td>
<td>C-3-15</td>
</tr>
<tr>
<td>Coverage Volume</td>
<td>530m³ (58m³)</td>
</tr>
<tr>
<td>Flash Rate</td>
<td>1Hz (Switchable to 0.5Hz)</td>
</tr>
<tr>
<td>Temperature</td>
<td>-10°C to +55°C</td>
</tr>
<tr>
<td>Monitoring</td>
<td>Reverse Polarity</td>
</tr>
<tr>
<td>Protection</td>
<td>IP21C</td>
</tr>
<tr>
<td>Weight</td>
<td>200g</td>
</tr>
<tr>
<td>Body Color</td>
<td>White or Red</td>
</tr>
<tr>
<td>Flash Colour</td>
<td>White</td>
</tr>
<tr>
<td>Sound Output</td>
<td>90dB(A) (Typical tone 3)</td>
</tr>
</tbody>
</table>

**Catalogue Numbers**

<table>
<thead>
<tr>
<th>Reference</th>
<th>Cat No</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td></td>
<td>See website for more information</td>
</tr>
</tbody>
</table>
The Firecat is an extremely flexible fire sensor for use with security or other systems operating at 12Vdc. The unit can be configured to operate either as an optical, optical-heat, rate of rise heat or fixed temperature heat sensor via selection switches at the rear. The sensor’s output is via a relay with volt free contacts, which can be set to latch or auto-reset from the alarm condition. The sensor is also self monitoring so that in the event of a chamber failure or reaching the limit of its contamination compensating facility the LED will illuminate continuously yellow.

**Features**
- Multi-Function 12V fire sensor
- Compensates for chamber contamination
- User selectable sensing functions
- Base lock function
- Latching or auto resetting alarm relay
- Multifunctional LED indicator

**Benefits**
- Flexibility in mounting positions
- Modern design
- Meets majority of needs
- Release button and protection circuit
- Completed with damping keeper plate

**Technical Specification**

<table>
<thead>
<tr>
<th>Parameter</th>
<th>Specification</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Voltage</strong></td>
<td>10 - 16Vdc</td>
</tr>
<tr>
<td><strong>Current</strong></td>
<td>0.5 - 14mA</td>
</tr>
<tr>
<td><strong>Monitoring</strong></td>
<td>Self monitoring</td>
</tr>
<tr>
<td><strong>Protection</strong></td>
<td>Interior only</td>
</tr>
<tr>
<td><strong>Construction</strong></td>
<td>ABS, PC</td>
</tr>
<tr>
<td><strong>Weight</strong></td>
<td>0.08Kg</td>
</tr>
<tr>
<td><strong>Colours</strong></td>
<td>White</td>
</tr>
<tr>
<td><strong>Sensing Options</strong></td>
<td>Optical, Optical-heat, Heat rate of rise, Heat fixed temperature</td>
</tr>
</tbody>
</table>

**Catalogue Numbers**

<table>
<thead>
<tr>
<th>Reference</th>
<th>Cat No</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>DETECTOR 12V</td>
<td>400001FULL0001</td>
<td>12V Smoke Detector</td>
</tr>
</tbody>
</table>
The SQG3 AV is a combined audible and visual base unit. The large flat surface allows the mounting of most popular European detectors, while the high efficiency and low operating current permit compatibility with many systems.

**Features**
- Fixing platform for most popular detectors
- Low current consumption
- Tamper proof cap for standalone use (supplied separately)
- First fix base for easier installation
- LED triggered option available

**Benefits**
- Save on installation costs
- Notification and detection in one unit

**Technical Specification**

<table>
<thead>
<tr>
<th>Parameter</th>
<th>Details</th>
</tr>
</thead>
<tbody>
<tr>
<td>Voltage</td>
<td>18 - 28Vdc</td>
</tr>
<tr>
<td>Current</td>
<td>4/8mA</td>
</tr>
<tr>
<td></td>
<td>9mA (AV version)</td>
</tr>
<tr>
<td>Sound Output</td>
<td>90dB(A)</td>
</tr>
<tr>
<td>Tones</td>
<td>8</td>
</tr>
<tr>
<td>Volume Control</td>
<td>10dB</td>
</tr>
<tr>
<td>Light Output</td>
<td>&gt;1Cd</td>
</tr>
<tr>
<td>Flash Rate</td>
<td>1Hz</td>
</tr>
<tr>
<td>Monitoring</td>
<td>Reverse polarity</td>
</tr>
<tr>
<td>Temperature</td>
<td>-10ºC to +55ºC</td>
</tr>
<tr>
<td>Protection</td>
<td>IP21C</td>
</tr>
<tr>
<td>Construction</td>
<td>ABS</td>
</tr>
<tr>
<td></td>
<td>ABS, PC lens (AV version)</td>
</tr>
<tr>
<td>Weight</td>
<td>0.16Kg</td>
</tr>
<tr>
<td>Colours</td>
<td>White</td>
</tr>
<tr>
<td>Flash Colour</td>
<td>Red</td>
</tr>
</tbody>
</table>

**Catalogue Numbers**

<table>
<thead>
<tr>
<th>Reference</th>
<th>Cat No</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>SQG3/AV/W</td>
<td>666057FULL-0097X</td>
<td>SQG3 Base AV, White</td>
</tr>
</tbody>
</table>
The RoLP Solista is a low current LED sounder beacon. The device is extremely efficient, making it ideal for notification purposes where sounder circuit capacity is limited.

**Features**
- Low current - LED technology
- Single installation point
- 32 tones (user selectable)
- Two stage alarm

**Benefits**
- Reduced current consumption vs. Xenon alternative
- Beacon and sounder in one package
- Alert and alarm function

**Technical Specification**

<table>
<thead>
<tr>
<th>Voltage</th>
<th>9 - 15Vdc</th>
<th>18 - 28Vdc</th>
</tr>
</thead>
<tbody>
<tr>
<td>Current</td>
<td>15mA (Typical Tone 3)</td>
<td></td>
</tr>
<tr>
<td>Sound Output</td>
<td>102dB(A) (Typical Tone 3)</td>
<td></td>
</tr>
<tr>
<td>Tones</td>
<td>32</td>
<td></td>
</tr>
<tr>
<td>Light Output</td>
<td>&gt; 0.5cd</td>
<td></td>
</tr>
<tr>
<td>Flash Rate</td>
<td>1Hz</td>
<td></td>
</tr>
<tr>
<td>Volume Control</td>
<td>10dB</td>
<td></td>
</tr>
<tr>
<td>Monitoring</td>
<td>Reverse polarity</td>
<td></td>
</tr>
<tr>
<td>Temperature</td>
<td>-10°C to +55°C</td>
<td></td>
</tr>
<tr>
<td>Protection</td>
<td>IP54 (s) IP65 (d)*</td>
<td></td>
</tr>
<tr>
<td>Construction</td>
<td>ABS, PC lens</td>
<td></td>
</tr>
<tr>
<td>Weight</td>
<td>0.3Kg</td>
<td></td>
</tr>
<tr>
<td>Colours</td>
<td>Red or white</td>
<td></td>
</tr>
<tr>
<td>Flash Colour</td>
<td>Red</td>
<td></td>
</tr>
</tbody>
</table>

**Catalogue Numbers**

<table>
<thead>
<tr>
<th>Reference</th>
<th>Cat No</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>ROLPSB/SL/R/S</td>
<td>821012FULL0015X</td>
<td>RoLP SB, Red LED Beacon, Red lens, Red body, Shallow base</td>
</tr>
<tr>
<td>ROLPSB/SL/R/D</td>
<td>821013FULL0016X</td>
<td>RoLP SB, Red Body &amp; Red LED Beacon, Deep base</td>
</tr>
<tr>
<td>ROLPSB/SL/R/L/S</td>
<td>821014FULL0017X</td>
<td>RoLP SB, Red LED Beacon, Red lens, White body, Shallow base</td>
</tr>
<tr>
<td>ROLPSB/SL/R/L/D</td>
<td>821015FULL0018X</td>
<td>RoLP SB, Red LED Beacon, Red lens, White body, Deep base</td>
</tr>
<tr>
<td>ROLPSB/SL/R/N</td>
<td>821011FULL0004X</td>
<td>RoLP SB, Red LED Beacon, Red lens, Red body, No base</td>
</tr>
<tr>
<td>ROLPSB/SL/AL/W/D</td>
<td>8210125FULL0007X</td>
<td>RoLP SB, Amber LED Beacon, Amber lens, White body, Deep base</td>
</tr>
</tbody>
</table>
The RoLP Maxi Solista is an enhanced version RoLP Solista providing a higher sound output on six key alarm tones. This is an ideal audible and visual alarm for use where higher noise levels require the use of a more powerful sounder.

**Features**
- Low current – LED technology
- Single installation point
- 32 tones (user Selectable)
- Two stage alarm

**Benefits**
- Reduced current consumption vs. Xenon alternative
- Beacon and high output sounder in one package
- Alert and alarm function

**Technical Specification**

<table>
<thead>
<tr>
<th>Parameter</th>
<th>Specification</th>
</tr>
</thead>
<tbody>
<tr>
<td>Voltage</td>
<td>18 - 28Vdc</td>
</tr>
<tr>
<td>Current</td>
<td>43mA (Typical Tone 3)</td>
</tr>
<tr>
<td>Sound Output</td>
<td>106dB(A) (Typical Tone 3)</td>
</tr>
<tr>
<td>Tones</td>
<td>32</td>
</tr>
<tr>
<td>Light Output</td>
<td>&gt; 0.5cd</td>
</tr>
<tr>
<td>Flash Rate</td>
<td>1Hz</td>
</tr>
<tr>
<td>Volume Control</td>
<td>10dB</td>
</tr>
<tr>
<td>Monitoring</td>
<td>Reverse polarity</td>
</tr>
<tr>
<td>Temperature</td>
<td>-10°C to +55°C</td>
</tr>
<tr>
<td>Protection</td>
<td>IP64 (a)* IP65 (d)*</td>
</tr>
<tr>
<td>Construction</td>
<td>ABS, PC lens</td>
</tr>
<tr>
<td>Weight</td>
<td>0.3Kg</td>
</tr>
<tr>
<td>Colours</td>
<td>Red or white</td>
</tr>
<tr>
<td>Flash Colour</td>
<td>Red</td>
</tr>
</tbody>
</table>

* Shallow Base
*d* Deep / U Base

**Catalogue Numbers**

<table>
<thead>
<tr>
<th>Reference</th>
<th>Cat No</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>ROLPX/SV/SB/RL/R/S</td>
<td>8210119FULL0001</td>
<td>RoLP Maxi Sounder Beacon, Red Lens, Red body, Shallow base</td>
</tr>
<tr>
<td>ROLPX/SV/SB/RL/R/D</td>
<td>8210130FULL0002</td>
<td>RoLP Maxi Sounder Beacon, Amber lens, White body, Deep base</td>
</tr>
</tbody>
</table>

**Dimensions**

- Ø33mm
- Ø60mm / Ø93mm
- 110mm / 78mm / 60mm
The Flashni is an audible and visual device which requires one single installation point. This greatly reduces installation costs and is less obtrusive than two separate devices. Versions are available with the sounder and beacon linked, or with separate terminals for independent operation.

**Features**
- High output sounder beacon
- 12V, 24V and mains module option
- Choice of lens colour options
- Automatic sounder synchronisation

**Benefits**
- Up to 103dB(A) with built in Xenon flash
- Suitable for a variety of application
- Improved tone clarity, reducing confusion

**Technical Specification**

<table>
<thead>
<tr>
<th>Feature</th>
<th>Specification</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Voltage</strong></td>
<td>9 - 15Vdc (12V version)</td>
</tr>
<tr>
<td></td>
<td>18 - 28Vdc (24V version) (*1)</td>
</tr>
<tr>
<td><strong>Current</strong></td>
<td>110mA 12V version (Typical Tone 5)</td>
</tr>
<tr>
<td></td>
<td>68mA 24V version (Typical Tone 3)</td>
</tr>
<tr>
<td><strong>Sound Output</strong></td>
<td>103dB(A) 12V version (Typical Tone 5)</td>
</tr>
<tr>
<td></td>
<td>101dB 24V version (Typical Tone 3)</td>
</tr>
<tr>
<td><strong>Tones</strong></td>
<td>Pre-set to tone 5 (12v)</td>
</tr>
<tr>
<td></td>
<td>Pre-set to tone 3 (24v)</td>
</tr>
<tr>
<td><strong>Flash Power</strong></td>
<td>0.7j</td>
</tr>
<tr>
<td><strong>Flash Rate</strong></td>
<td>1Hz</td>
</tr>
<tr>
<td><strong>Volume Control</strong></td>
<td>10dB</td>
</tr>
<tr>
<td><strong>Monitoring</strong></td>
<td>Reverse polarity</td>
</tr>
<tr>
<td><strong>Temperature</strong></td>
<td>-10°C to +55°C</td>
</tr>
<tr>
<td><strong>Protection</strong></td>
<td>IP54 (s)* IP65 (d)*</td>
</tr>
<tr>
<td><strong>Construction</strong></td>
<td>ABS, PC lens</td>
</tr>
<tr>
<td><strong>Weight</strong></td>
<td>0.33Kg</td>
</tr>
<tr>
<td><strong>Colours</strong></td>
<td>Red or white</td>
</tr>
<tr>
<td><strong>Lens Colour</strong></td>
<td>Red, amber, blue, green or clear</td>
</tr>
</tbody>
</table>

| EC Declaration    | Compliance to EN 50044:2011 & EN 50082-1:2010
| Brake Technology  | IP54 (s)* IP65 (d)*

**Catalogue Numbers**

<table>
<thead>
<tr>
<th>Reference</th>
<th>Cat No</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>FL/RL/R/S SWITCH</td>
<td>640025FULL0061X</td>
<td>Flashni Sounder/Beacon, Red lens, Red body, Shallow base, Tone select switch</td>
</tr>
<tr>
<td>FL/RL/R/D SWITCH</td>
<td>640031FULL0111X</td>
<td>Flashni Sounder/Beacon, Red lens, Red body, Deep base, Tone select switch</td>
</tr>
<tr>
<td>FL/ALW/D SWITCH</td>
<td>640024FULL0060X</td>
<td>Flashni Sounder/Beacon, Amber lens, White body, Deep base, Tone select switch</td>
</tr>
<tr>
<td>FL/RL/R/S 12V SND5</td>
<td>640204FULL0067</td>
<td>Flashni 12V Sounder/Beacon, Red lens, Red body, Shallow base, tone 5</td>
</tr>
<tr>
<td>FL/RLW/S 12V SND5</td>
<td>640202FULL0039</td>
<td>Flashni 12V Sounder/Beacon, Red lens, White body, Shallow base, tone 5</td>
</tr>
<tr>
<td>FL/CLW/D 12V SND5</td>
<td>640206FULL0089</td>
<td>Flashni 12V Sounder/Beacon, Clear lens, White body, Deep base, tone 5</td>
</tr>
</tbody>
</table>

For full list of part numbers, turn to page 82.
The 120dB (A) Asserta Industrial warning sounder beacon is designed to cope with harsh environments requiring protection to IP66. Design features are incorporated to ensure safe and easy installation, while providing flexibility with fewer product variants.

**Features**
- Powerful 120dB(A) output
- 3 stage alarm and time out function
- 42 alarm tones
- Asymmetric beacon

**Benefits**
- Maximum sound output for high noise environments
- 3 levels of alarm for differing warning states
- Large range of tone options
- Efficient use of light reduces current input generating the same light output as a 5j beacon

**Technical Specification**

<table>
<thead>
<tr>
<th>Dimension</th>
<th>Value</th>
</tr>
</thead>
<tbody>
<tr>
<td>Voltage</td>
<td>18 - 30Vdc 230Vac</td>
</tr>
<tr>
<td>Current Sounder</td>
<td>110dB(A) 105mA @ 24Vdc (Typical Tone 3) 120dB(A) 450mA @ 24Vdc (Typical Tone 3)</td>
</tr>
<tr>
<td>Current Beacon</td>
<td>120 - 620mA @ 24Vdc (dependant on setting)</td>
</tr>
<tr>
<td>Output</td>
<td>110dB(A) 120dB(A)</td>
</tr>
<tr>
<td>Tones</td>
<td>42</td>
</tr>
<tr>
<td>Alarm Stages</td>
<td>3</td>
</tr>
<tr>
<td>Flash Power</td>
<td>3.6j @ 24Vdc 2.0j @ 230Vac</td>
</tr>
<tr>
<td>Flash Rate</td>
<td>1Hz (adjustable on 24Vdc)</td>
</tr>
<tr>
<td>Monitoring</td>
<td>Reverse polarity (dc version)</td>
</tr>
<tr>
<td>Temperature</td>
<td>-25°C to +70°C</td>
</tr>
<tr>
<td>Protection</td>
<td>IP66</td>
</tr>
<tr>
<td>Construction</td>
<td>ABS, PC</td>
</tr>
<tr>
<td>Weight</td>
<td>1.8Kg (dc version) 2.5Kg (mains version)</td>
</tr>
<tr>
<td>Colour</td>
<td>Red or grey</td>
</tr>
<tr>
<td>Lens colour</td>
<td>Red, amber, blue or clear</td>
</tr>
</tbody>
</table>

**Catalogue Numbers**

<table>
<thead>
<tr>
<th>Reference</th>
<th>Cat No</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>AS/24/120/R/RL</td>
<td>7021121FUL:0004X</td>
<td>Asserta Sounder/Beacon 24v Red 120dB Red Lens</td>
</tr>
<tr>
<td>AS/24/120/G/AL</td>
<td>7092275FUL:0152X</td>
<td>Asserta Sounder/Beacon 24v Grey 120dB Amber Lens</td>
</tr>
</tbody>
</table>
The Asserta Midi Sounder Beacon is a versatile and rugged audio-visual alarm designed for industrial environments or areas where there is a requirement for a physically robust and well protected unit.

**Features**
- 112dB(A) output
- 32 alarm tones
- 2 stage alarm
- Asymmetric beacon

**Benefits**
- For Fire and general signalling use
- Large range of tone options
- Alert and alarm function
- Efficient use of light reduces current input generating the same light output as a 5j beacon

**Technical Specification**

<table>
<thead>
<tr>
<th>Feature</th>
<th>Specification</th>
</tr>
</thead>
<tbody>
<tr>
<td>Voltage</td>
<td>9 - 60Vdc, 115Vac</td>
</tr>
<tr>
<td>Current Sounder</td>
<td>23mA @ 24Vdc (Typical Tone 3)</td>
</tr>
<tr>
<td>Current Beacon</td>
<td>200mA @ 24Vdc</td>
</tr>
<tr>
<td>Sound Output</td>
<td>108dB(A) @ 24Vdc (Typical Tone 3)</td>
</tr>
<tr>
<td>Tones</td>
<td>32</td>
</tr>
<tr>
<td>Alarm Stages</td>
<td>2</td>
</tr>
<tr>
<td>Flash Power</td>
<td>2.5j</td>
</tr>
<tr>
<td>Flash Rate</td>
<td>1Hz</td>
</tr>
<tr>
<td>Monitoring</td>
<td>Reverse polarity (dc version)</td>
</tr>
<tr>
<td>Temperature</td>
<td>-25°C to +70°C</td>
</tr>
<tr>
<td>Protection</td>
<td>IP66</td>
</tr>
<tr>
<td>Construction</td>
<td>ABS</td>
</tr>
<tr>
<td>Weight</td>
<td>0.8Kg</td>
</tr>
<tr>
<td>Colour</td>
<td>Red or grey</td>
</tr>
<tr>
<td>Lens</td>
<td>Red, amber, blue or clear</td>
</tr>
</tbody>
</table>

**Catalogue Numbers**

<table>
<thead>
<tr>
<th>Reference</th>
<th>Cat No</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>AS/M/SB/9-60V/R/RL</td>
<td>7051111FUL0128X</td>
<td>Asserta MIDI Sounder Beacon, 9-60Vdc, Red Body, Red Lens</td>
</tr>
<tr>
<td>AS/M/SB/9-60/G/AL</td>
<td>7051212FUL0015X</td>
<td>Asserta MIDI Sounder Beacon, 9-60Vdc, Grey Body, Amber Lens</td>
</tr>
<tr>
<td>AS/M/SB/115/R/RL</td>
<td>7054111FUL0046</td>
<td>Asserta MIDI Sounder Beacon, 115Vac, Red Body, Red Lens</td>
</tr>
<tr>
<td>AS/M/SB/115/R/AL</td>
<td>7092266FUL0142</td>
<td>Asserta MIDI Sounder Beacon, 115Vac, Grey Body, Amber Lens</td>
</tr>
</tbody>
</table>

For full list of part numbers, turn to page 83.
Reliability when it matters most

Eaton’s Fulleon business provides a range of manual call points designed to meet the needs of a diverse range of applications. The units incorporate features such as clip on covers and a light guide (LED) for improved visibility and user reassurance. A broad spectrum of accessories allows for a variety of wiring practices, while a number of colour variants cater for both fire and other safety related applications.
The CXL Universal Call Point combines a number of features into one package, simplifying selection and reducing stock variants.

The CXL comes as standard with a plastic and glass element, and its integral LED indicators provides increased flexibility for diverse applications.

Features
- Choice of glass or plastic elements
- Changeover contacts
- Potted waterproof option
- Flag on re-settable element

Benefits
- Select element depending on location and user preference
- Wide range of usages
- Suitable for outdoor use
- Quick, visible alarm identification

The CXL Universal Call Point combines a number of features into one package, simplifying selection and reducing stock variants.

The CXL comes as standard with a plastic and glass element, and its integral LED indicators provides increased flexibility for diverse applications.

Technical Specification

<table>
<thead>
<tr>
<th>Feature</th>
<th>Specification</th>
</tr>
</thead>
<tbody>
<tr>
<td>Voltage</td>
<td>Up to 30Vdc</td>
</tr>
<tr>
<td>Resistors</td>
<td>470 / 680</td>
</tr>
<tr>
<td>Element Type</td>
<td>Glass / Plastic (resettable)</td>
</tr>
<tr>
<td>Temperature</td>
<td>-10°C to +55°C</td>
</tr>
<tr>
<td></td>
<td>-25°C to +70°C (WP)</td>
</tr>
<tr>
<td>Protection</td>
<td>IP24D, IP66 (WP)</td>
</tr>
<tr>
<td>Construction</td>
<td>ABS</td>
</tr>
<tr>
<td>Weight</td>
<td>0.19Kg, 0.22Kg (WP)</td>
</tr>
<tr>
<td>Colours</td>
<td>Red*</td>
</tr>
</tbody>
</table>

* Other colours available - minimum order required.

Dimensions

![Dimensions Diagram]

Catalogue Numbers

<table>
<thead>
<tr>
<th>Reference</th>
<th>Cat No</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>CXL/G/P/R/BB/470+680</td>
<td>4920016FULL-0018XC</td>
<td>Conventional 470R/680R with LED and back box. Includes both glass and Universal plastic resettable elements</td>
</tr>
<tr>
<td>CXL/G/P/R/BB/470+680 WP</td>
<td>4990047FULL-0420X</td>
<td>Conventional IP66 470R/680R with LED and back box. Includes both Universal glass and plastic resettable elements</td>
</tr>
</tbody>
</table>

For full list of part numbers, turn to page 83
The CXM has simple changeover contacts for use with a wide range of fire systems. The unit is supplied with both a glass and re-settable plastic element. The CXM is aimed at legacy systems.

**Features**
- Choice of glass or plastic elements
- Changeover contacts
- Potted waterproof option
- Flag on re-settable element

**Benefits**
- Select element depending on location and user preference
- Wide range of usages
- Suitable for outdoor use
- Quick, visible alarm identification

**Technical Specification**

<table>
<thead>
<tr>
<th>Parameter</th>
<th>Specification</th>
</tr>
</thead>
<tbody>
<tr>
<td>Voltage</td>
<td>9 - 30Vdc</td>
</tr>
<tr>
<td>Current Rating</td>
<td>3A</td>
</tr>
<tr>
<td>Switching</td>
<td>SP CO</td>
</tr>
<tr>
<td>Element Type</td>
<td>Glass / Plastic (resettable)</td>
</tr>
<tr>
<td>Temperature</td>
<td>- 10°C to + 55°C</td>
</tr>
<tr>
<td></td>
<td>- 25°C to + 70°C (WP)</td>
</tr>
<tr>
<td>Protection</td>
<td>IP24D, IP66 (WP)</td>
</tr>
<tr>
<td>Construction</td>
<td>ABS</td>
</tr>
<tr>
<td>Weight</td>
<td>0.19Kg, 0.22Kg (WP)</td>
</tr>
<tr>
<td>Colours</td>
<td>Red*</td>
</tr>
<tr>
<td></td>
<td>* Other colours available - minimum order required.</td>
</tr>
</tbody>
</table>

**Catalogue Numbers**

<table>
<thead>
<tr>
<th>Reference</th>
<th>Cat No</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>CXM/CO/GP/R/BB</td>
<td>4930010FUL-0048XC</td>
<td>Indoor call point, Red Body with back box, Glass element provided</td>
</tr>
<tr>
<td>CXM/CO/G/R/WP</td>
<td>4990073FULL-0122X</td>
<td>Weatherproof call point for outdoor use with IP66 backbox, Red body, Glass element provided.</td>
</tr>
</tbody>
</table>

For full list of part numbers, turn to page 83
A key operated switch for secure locations where restricted access is required. Two position switches are available.

**Features**
- Clip fixing of front cover
- Key activation
- Suitable for use on systems up to 230Vac
- Two position switch

**Benefits**
- Secure and convenient
- Suitable for where restricted access is required
- Offers complete flexibility
- Highly versatile

**Technical Specification**

<table>
<thead>
<tr>
<th>Feature</th>
<th>Specification</th>
</tr>
</thead>
<tbody>
<tr>
<td>Voltage</td>
<td>9 - 30Vdc / 230Vac</td>
</tr>
<tr>
<td>Current Rating</td>
<td>10A @ 24Vdc 2A @ 230Vac</td>
</tr>
<tr>
<td>Switching</td>
<td>1 x NO contact 1 x NC contact</td>
</tr>
<tr>
<td>Operating Method</td>
<td>Key - removable</td>
</tr>
<tr>
<td>Temperature</td>
<td>-10ºC to +55ºC</td>
</tr>
<tr>
<td>Protection</td>
<td>IP24D</td>
</tr>
<tr>
<td>Construction</td>
<td>ABS</td>
</tr>
<tr>
<td>Weight</td>
<td>0.19Kg</td>
</tr>
<tr>
<td>Colours</td>
<td>Red*</td>
</tr>
</tbody>
</table>

* Other colours available - minimum order required.

**Dimensions**

<table>
<thead>
<tr>
<th>Surface</th>
<th>Flush</th>
<th>Overall</th>
</tr>
</thead>
<tbody>
<tr>
<td>53mm</td>
<td>20mm</td>
<td>87mm</td>
</tr>
</tbody>
</table>

**Catalogue Numbers**

<table>
<thead>
<tr>
<th>Reference</th>
<th>Cat No</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>CXK/2/Y/BB</td>
<td>4942110FUL-0036</td>
<td>Keyswitch 2-Way, Yellow (including back box)</td>
</tr>
<tr>
<td>CXK/2/R/BB/4T</td>
<td>4942010FUL-0047</td>
<td>Keyswitch 2-Way, Red (including back box)</td>
</tr>
</tbody>
</table>
Familiar and recognisable notification tones

Bells are the oldest of alarm warnings and are still the fire signal of choice in many markets. Although not providing the flexibility of electronic sounders, bells produce a unique sound that is quite distinctive and unlikely to be confused with any other alarm. Available in two styles, two colours and variable voltage, they are a cost effective and reliable solution.
A unique, patented alarm bell designed for use in fire, security and other signalling systems. The combination of a miniature solenoid with an integrated control circuit allows excellent sound coverage, minimum current consumption and increased reliability. The improved aesthetics make the bell suitable for all applications including the most prestigious locations.

**Features**
- Modern design
- Simple installation
- Weatherproof kit option
- High sound output

**Benefits**
- Suitable for all locations
- Easy to fit
- Provides protection up to IP33C
- Delivers up to 95dB(A)

**Technical Specification**

<table>
<thead>
<tr>
<th>Specification</th>
<th>FB Bell Grey</th>
</tr>
</thead>
<tbody>
<tr>
<td>Voltage</td>
<td>24Vdc</td>
</tr>
<tr>
<td>Current</td>
<td>24 Vdc 25 - 35mA</td>
</tr>
<tr>
<td>Sound Output</td>
<td>95dB(A)</td>
</tr>
<tr>
<td>Monitoring</td>
<td>Reverse polarity (dc only)</td>
</tr>
<tr>
<td>Temperature</td>
<td>-10°C to +65°C (Indoor)</td>
</tr>
<tr>
<td></td>
<td>-25°C to +70°C (Outdoor)</td>
</tr>
<tr>
<td>Protection</td>
<td>IP21C, IP33C (WP)</td>
</tr>
<tr>
<td>Construction</td>
<td>Gong - Steel, Base - Polycarbonate</td>
</tr>
<tr>
<td>Weight</td>
<td>24 Volt 1.1Kg</td>
</tr>
<tr>
<td>Colours</td>
<td>Gong - Red and Grey, Base - Black</td>
</tr>
</tbody>
</table>

**Catalogue Numbers**

<table>
<thead>
<tr>
<th>Reference</th>
<th>Cat No</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>FB/12/RED</td>
<td>500001FULL0001</td>
<td>Electronic Solenoid Bell 12 Volts DC, Red</td>
</tr>
<tr>
<td>FB/024/R</td>
<td>502001FULL2001</td>
<td>Electronic Solenoid Bell 24 Volts DC, Red</td>
</tr>
</tbody>
</table>
As well as Fire, Bells still remain a popular choice for many applications such as schools where they can sometimes be used as a signal for class change. All CF bells incorporate highly efficient rotary centrifugal movements combining high sound output with low current consumption.

Features
- High sound output
- Classic design
- Simple installation
- For fire or non fire use

Benefits
- Delivers up to 95dB(A)
- Easily recognisable sound for instant recognition
- Easy to install with a multifixing baseplace
- Flexible usage

Technical Specification

<table>
<thead>
<tr>
<th>Feature</th>
<th>Specification</th>
</tr>
</thead>
<tbody>
<tr>
<td>Voltage</td>
<td>20-28Vdc</td>
</tr>
<tr>
<td>Current</td>
<td>25mA (typical) @ 24V</td>
</tr>
<tr>
<td>Sound Output</td>
<td>95dB(A) 24V</td>
</tr>
<tr>
<td>Monitoring</td>
<td>Reverse polarity</td>
</tr>
<tr>
<td>Temperature</td>
<td>-10°C to +55°C</td>
</tr>
<tr>
<td>Protection</td>
<td>IP21C</td>
</tr>
<tr>
<td>Construction</td>
<td>Gong - Steel, Base - Polycarbonate</td>
</tr>
<tr>
<td>Weight</td>
<td>0.85Kg</td>
</tr>
<tr>
<td>Colours</td>
<td>Gong - Red, Base - Black</td>
</tr>
</tbody>
</table>

Dimensions

Catalogue Numbers

<table>
<thead>
<tr>
<th>Reference</th>
<th>Cat No</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>CFB6D12RED</td>
<td>521301FULL1301</td>
<td>6 Inch Motorised Bell 12Vdc, Red (Centrifugal *)</td>
</tr>
<tr>
<td>CFB6D24RED</td>
<td>521601FULL1601</td>
<td>6 Inch Motorised Bell 24Vdc, Red (Centrifugal *)</td>
</tr>
</tbody>
</table>
Simple, effective indication

Remote indicators provide local feedback to building occupants that an action is required. The range has various options, including visual, audible, and colour indication options, offering flexibility and helping to get the right message across without unduly alarming or creating a disturbance where noise levels are a key consideration.
Indicators LED & LED Buzzer

The versatility of this compact unit allows it to be used with the majority of detectors to provide convenient remote indication.

Available as a simple high brightness LED or with an integral buzzer, this indicator has many uses in applications where aesthetics is a key consideration.

Features
- Slim-line design
- Wide operating voltage
- Low current
- Integral buzzer option

Benefits
- Unobtrusive, blends in with modern building design
- Suitable for a wide range of applications
- Maximises the number of units in a circuit
- Ideal when both audible and visual indicator is required

Technical Specification

**Voltage**
- 3 - 20Vdc
- 5 - 30Vdc (user selectable)

**Current**
- 6mA
- 15mA (AV version)

**Resistor**
- 0 / 1k5 / 3k6 (user selectable)

**Temperature**
- - 20°C to + 60°C

**Protection**
- IP23

**Construction**
- ABS

**Weight**
- 0.08Kg LED
- 0.1Kg LED Buzzer

**Colour**
- White

**Lens Colour**
- Red

Catalogue Numbers

<table>
<thead>
<tr>
<th>Reference</th>
<th>Cat No</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>LED</td>
<td>600111FUL0000</td>
<td>Remote Indicator, Red Lens</td>
</tr>
<tr>
<td>LED + Buzzer</td>
<td>60012FUL0000</td>
<td>Remote Indicator with Integral Buzzer, Red Lens</td>
</tr>
</tbody>
</table>

Dimensions

87mm Square

63mm LED & Buzzer (AV)

48mm LED
High visibility LED’s are ideal for notification purposes. The compact size and low current draw of the optical and optical acoustic repeaters makes them ideal for the signalling of alarms and anomalies. They are commonly installed in joint use with a detection unit in false ceilings and floating floors.

Available with a wide variety of LED colour variants and with an internal buzzer option, the optical repeaters offer clear visual indication suitable for a range of applications.

### Features
- Compact size
- High visibility red, green and yellow LED
- Power supply at 12 and 24 Vcc
- Optical-acoustic versions (with Buzzer)

### Benefits
- Quick, simple installation
- Visual and audible notification
- Discreet design
- Wide light diffusion
- Simple bi-adhesive fixing

### Technical Specification

<table>
<thead>
<tr>
<th>Housing material</th>
<th>White coloured thermoplastic</th>
</tr>
</thead>
<tbody>
<tr>
<td>Connection type</td>
<td>Terminals</td>
</tr>
<tr>
<td>Buzzer characteristics</td>
<td>75 dB at 30 cm continuous or pulsating sound 2300 Hz, 0.5s On - 0.5s Off</td>
</tr>
<tr>
<td>Operating Temperature</td>
<td>-20°C to +60°C</td>
</tr>
<tr>
<td>Protection degree</td>
<td>IP40</td>
</tr>
<tr>
<td>Standard equipment</td>
<td>Double-sided tape for fixing</td>
</tr>
<tr>
<td>Packaging</td>
<td>2 pc. / package</td>
</tr>
</tbody>
</table>

### Catalogue Numbers

<table>
<thead>
<tr>
<th>Cat No</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>O-1490-R</td>
<td>OPT.-ACOUST. LED INDIC. RED FIXED</td>
</tr>
<tr>
<td>O-1490-V</td>
<td>OPT.-ACOUST. LED INDIC. GREEN FIXED</td>
</tr>
<tr>
<td>O-1490-G</td>
<td>OPT.-ACOUST. LED INDIC. YELLOW FIXED</td>
</tr>
<tr>
<td>O-1490-CR</td>
<td>OPTICAL-ACOUST. LED INDIC. RED</td>
</tr>
<tr>
<td>O-1490-CV</td>
<td>OPT.-ACOUST. LED GREEN FIXED/FLASH</td>
</tr>
<tr>
<td>O-1490-CG</td>
<td>OPT.-ACOUST. LED YELLOW FIXED/FLASH</td>
</tr>
<tr>
<td>O-1490-BZR</td>
<td>OPT.-ACOUST. LED RED FIXED/FLASH BUZZ</td>
</tr>
<tr>
<td>O-1490-BZV</td>
<td>OPT.-ACOUST. LED GREEN FIXED/FLASH BUZZ</td>
</tr>
<tr>
<td>O-1490-BZG</td>
<td>OPT.-ACOUST. LED YELLOW FIXED/FLASH BUZZ</td>
</tr>
</tbody>
</table>
Flexible power and installation configurations

A selection of bases and power supply units for the Fulleon fire notification range. The base range is designed to fit with the Rolp, Solista, Flashni and Solex product family.

Designed to offer flexibility and scalability for any size of installation the power supply units can be used to help drive the door release and sign boards range.
The bayonet base has been designed to allow a common mounting for the Fulleon conventional alarm product range. The shallow base is suited to concealed wiring allowing installation with minimum visual impact. The deep and “U” bases cater for surface wiring of all types and provides ingress protection up to IP65.

The addition of 2 new low-profile base variants provide further options for installation in corners, or where the use of grommets or gaskets is preferred.

Features
- Design registered bayonet base
- Locking facility on all versions
- Protection up to IP65 on deep and U base
- Concealed wiring

Benefits
- Allows a common mounting for Fulleon’s conventional alarm products
- Robust design
- External use in areas of high humidity
- Allowing installation with minimum impact

Dimensions

Catalogue Numbers

<table>
<thead>
<tr>
<th>Reference</th>
<th>Cat No</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>Shallow Base Red</td>
<td>593005FULL0027</td>
<td>Shallow Red Base + Locking Screw</td>
</tr>
<tr>
<td>Deep Base Red</td>
<td>593001FULL0022</td>
<td>Deep Red Base + Locking Screw</td>
</tr>
<tr>
<td>U Base Red</td>
<td>590020FULL0094</td>
<td>U Red Base + Locking Screw</td>
</tr>
<tr>
<td>Shallow Base White</td>
<td>593006FULL0094</td>
<td>Shallow White Base + Locking Screw</td>
</tr>
<tr>
<td>Deep Base White</td>
<td>593002FULL0017</td>
<td>Deep White Base + Locking Screw</td>
</tr>
<tr>
<td>U Base White</td>
<td>590021FULL0099</td>
<td>U White Base + Locking Screw</td>
</tr>
</tbody>
</table>

Technical Specification

<table>
<thead>
<tr>
<th>Format</th>
<th>Circular bases with bayonet style detents</th>
</tr>
</thead>
<tbody>
<tr>
<td>Lock</td>
<td>Screw</td>
</tr>
<tr>
<td>Compatibility Sounders</td>
<td>RoLP</td>
</tr>
<tr>
<td>Compatibility Beacons</td>
<td>Solex, Solista</td>
</tr>
<tr>
<td>Compatibility Sounder / Beacons</td>
<td>Flashni, RoLP Solista</td>
</tr>
<tr>
<td>Protection</td>
<td>IP64 (s)* IP65 (d)* (Product dependent)</td>
</tr>
<tr>
<td>Weight</td>
<td>0.1 Kg (s)* 0.2Kg (d)*</td>
</tr>
<tr>
<td>Material</td>
<td>ABS</td>
</tr>
<tr>
<td>Colour</td>
<td>Red or white</td>
</tr>
<tr>
<td>Cable Entries Shallow</td>
<td>Single rear entry - 10mm Ø</td>
</tr>
<tr>
<td></td>
<td>Side knockouts for surface laid cable up to 8mm Ø</td>
</tr>
<tr>
<td>Cable Entries Deep</td>
<td>Knockouts for 2 x 20mm Ø entries at 180°. Single 20mm entry may be drilled at rear</td>
</tr>
<tr>
<td>Cable Entries “U”</td>
<td>For 2 adjacent 20mm entries</td>
</tr>
<tr>
<td></td>
<td>Single 20mm entry may be drilled at rear</td>
</tr>
</tbody>
</table>

Available Q3 2014
Contact customer service for details.
Specifically recommended as an auxiliary power supply unit for fire detection system components such as door retainers and notification devices, the highly efficient switching power supply has minimal heat loss.

The unit also provides excellent user feedback with 4 LED’s that clearly indicate power supply status.

The switching power supply unit eliminates problems encountered with long cable runs. It also comes complete with a locking mechanism.

---

**Features**
- Switching technology
- High efficiency
- Small & large versions of metallic casing available
- Pb Battery Charging
- Available output current: 1.5 A, 2.5 A, 5 A
- CPD Certified

**Benefits**
- Simple installation
- Increases power management options with larger installations

---

**Technical Specification**

<table>
<thead>
<tr>
<th>Specification</th>
<th>Details</th>
</tr>
</thead>
<tbody>
<tr>
<td>Housing material</td>
<td>Epoxy varnished sheet</td>
</tr>
<tr>
<td>Connection type</td>
<td>Terminals</td>
</tr>
<tr>
<td>Power supply</td>
<td>230 Vca -15+10%, 50÷60 Hz</td>
</tr>
<tr>
<td>Lines</td>
<td>Input mains, output battery, output load, open collector output for remote indications, general alarm outputs through clean relay contacts. Door opening detection.</td>
</tr>
<tr>
<td>Electrical protection</td>
<td>Fuses for mains and battery overload, Short circuit in output, battery inversion. Door opening tamper.</td>
</tr>
<tr>
<td>Operating Temperature</td>
<td>+5°C÷+40°C</td>
</tr>
<tr>
<td>Insulation Class</td>
<td>Class I</td>
</tr>
<tr>
<td>IP Degree</td>
<td>IP30</td>
</tr>
<tr>
<td>Standard equipment</td>
<td>Two keys per lock</td>
</tr>
<tr>
<td>Packaging</td>
<td>1 pc. / package</td>
</tr>
</tbody>
</table>

---

**Dimensions**

<table>
<thead>
<tr>
<th>A (mm)</th>
<th>B (mm)</th>
<th>C (mm)</th>
</tr>
</thead>
<tbody>
<tr>
<td>Box A</td>
<td>290</td>
<td>250</td>
</tr>
<tr>
<td>Box B</td>
<td>450</td>
<td>260</td>
</tr>
</tbody>
</table>

---

**Catalogue Numbers**

<table>
<thead>
<tr>
<th>Cat No</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>82415BP</td>
<td>Switching Power Supply 1.5A Case A</td>
</tr>
<tr>
<td>82415BG</td>
<td>Switching Power Supply 1.5A Case B</td>
</tr>
<tr>
<td>82425BG</td>
<td>Switching Power Supply 2.5A Case B</td>
</tr>
<tr>
<td>82450BG</td>
<td>Switching Power Supply 2.5A Case B</td>
</tr>
</tbody>
</table>
The highly efficient metal box power supply is available with various output currents and is protected from overloads, polarity reversals and short circuits.

Recommended for systems that require small to medium-size power supply units, the metal box power supply is ideal for use with panels, door retainers and fire notification devices.

**Features**
- Switching technology
- Reduced size
- High efficiency
- Recharge for Pb batteries
- Available output current: 1.5 A, 2.5 A, 5A

**Benefits**
- Eliminates problems associated with long power cable runs
- Robust and purpose built
- Very high quality enclosure

The highly efficient metal box power supply is available with various output currents and is protected from overloads, polarity reversals and short circuits.

Recommended for systems that require small to medium-size power supply units, the metal box power supply is ideal for use with panels, door retainers and fire notification devices.

**Technical Specification**

<table>
<thead>
<tr>
<th>Housing material</th>
<th>Galvanised steel sheet</th>
</tr>
</thead>
<tbody>
<tr>
<td>Connection type</td>
<td>Terminals</td>
</tr>
<tr>
<td>Power supply</td>
<td>230 Vca -15+10%, 50+60 Hz</td>
</tr>
<tr>
<td>Lines</td>
<td>Mains input, battery output, load output</td>
</tr>
<tr>
<td>Electrical protection</td>
<td>Fuses for mains, overload, over voltage in output, short circuit in output</td>
</tr>
<tr>
<td>Operating Temperature</td>
<td>+5°C÷+40°C</td>
</tr>
<tr>
<td>Insulation Class</td>
<td>Class I</td>
</tr>
<tr>
<td>Packaging</td>
<td>1 pc. / package</td>
</tr>
</tbody>
</table>

**Dimensions**

<table>
<thead>
<tr>
<th>A (mm)</th>
<th>B (mm)</th>
<th>C (mm)</th>
</tr>
</thead>
<tbody>
<tr>
<td>82415-CSA</td>
<td>98</td>
<td>135</td>
</tr>
<tr>
<td>82425-CSA</td>
<td>98</td>
<td>165</td>
</tr>
<tr>
<td>82450-CSA</td>
<td>110</td>
<td>205</td>
</tr>
</tbody>
</table>

**Catalogue Numbers**

<table>
<thead>
<tr>
<th>Cat No</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>82415-CSA</td>
<td>Metal Box Power Supply 1.5A</td>
</tr>
<tr>
<td>82425-CSA</td>
<td>Metal Box Power Supply 2.5A</td>
</tr>
<tr>
<td>82450-CSA</td>
<td>Metal Box Power Supply 5A</td>
</tr>
</tbody>
</table>
Maintaining the dynamic flow of personnel and protecting property

Vital to the safe operation of premises, there are many building thoroughfares fitted with fire doors that could cause inconvenience to the passage of people or goods. Magnetic door retainers provide a simple answer by keeping the doors open until a fire alarm (or other signal) causes the doors to close.

The Door Release range from Eaton provides a variety of options with different holding forces and mounting configurations to suit all types of doors found in commercial, education and healthcare premises.
The Series 13000 is an electromagnetically operated fire door retainer approved to EN1155. It is designed to suit the needs of commercial fire doors, having a holding force of 50kg/490N and low current consumption. The Series 13000 is available with a floor mounting accessory.

### Features
- Wall and floor mounting (with accessory)
- High holding force
- Low current consumption
- Release button and protection circuit
- Adjustable damping keeper plate
- Anti-residual release pin

### Benefits
- Flexibility in mounting positions
- Suitable for large and small fire doors
- Requires less power from your system
- Door can be manually closed when not activated by the fire system
- Allows for door misalignment
- Efficient operation of your door retainer

### Technical Specification

<table>
<thead>
<tr>
<th>Feature</th>
<th>Details</th>
</tr>
</thead>
<tbody>
<tr>
<td>Holding Force</td>
<td>50Kg / 490N</td>
</tr>
<tr>
<td>Voltage</td>
<td>24Vdc</td>
</tr>
<tr>
<td>Current</td>
<td>45mA</td>
</tr>
<tr>
<td>Mounting</td>
<td>Wall mounting / Floor bracket available</td>
</tr>
<tr>
<td>Housing Material</td>
<td>ABS</td>
</tr>
<tr>
<td>Temperature Range</td>
<td>10°C to +55°C</td>
</tr>
<tr>
<td>Protection</td>
<td>IP40</td>
</tr>
<tr>
<td>Weight</td>
<td>560g</td>
</tr>
<tr>
<td>Body Colour</td>
<td>White or Black</td>
</tr>
</tbody>
</table>

### Catalogue Numbers

<table>
<thead>
<tr>
<th>Cat No</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>13050-BSP</td>
<td>Door Retainer, 50Kg, White with door status indication</td>
</tr>
<tr>
<td>13050-CSA</td>
<td>Door Retainer, 50Kg, Black</td>
</tr>
<tr>
<td>13050-SP</td>
<td>Door Retainer, 50Kg, Black with door status indication</td>
</tr>
</tbody>
</table>

### Dimensions

- Dimensions of the Series 13000 Retainer.
The compact and modern 1330/1340 range of electromagnetic fire door retainers is approved to EN1155.

A flexible solution for the needs of most commercial fire applications, the range has a holding force of up to 100kg / 980N and uses minimal current. The range is fitted with a dual diode for protections against disturbance and polarity reversal.

### Features
- Compact design
- High holding force
- Low current consumption
- Release button and protection circuit
- Adjustable damping keeper plate

### Benefits
- Discreet installation
- Suitable for large and small fire doors
- Requires less power from your system
- Door can be manually closed when not activated by the fire system
- Allows for door misalignment

### Technical Specification

<table>
<thead>
<tr>
<th>Feature</th>
<th>50Kg</th>
<th>100Kg</th>
</tr>
</thead>
<tbody>
<tr>
<td>Holding Force</td>
<td>490N</td>
<td>960N</td>
</tr>
<tr>
<td>Voltage</td>
<td>24Vdc</td>
<td></td>
</tr>
<tr>
<td>Current</td>
<td>45mA</td>
<td>100mA</td>
</tr>
<tr>
<td>Mounting</td>
<td>Wall mounting</td>
<td>Floor bracket available</td>
</tr>
<tr>
<td>Housing Material</td>
<td>Steel</td>
<td></td>
</tr>
<tr>
<td>Temperature Range</td>
<td>10°C to +55°C</td>
<td></td>
</tr>
<tr>
<td>Protection</td>
<td>IP40</td>
<td></td>
</tr>
<tr>
<td>Weight</td>
<td>540g</td>
<td>810g</td>
</tr>
<tr>
<td>Body Colour</td>
<td>Steel / Black</td>
<td></td>
</tr>
</tbody>
</table>

### Dimensions

![Dimensions diagram]

### Catalogue Numbers

<table>
<thead>
<tr>
<th>Cat No</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>1335-CSA</td>
<td>Door Retainer, 50Kg, Steel body, Black, Terminals</td>
</tr>
<tr>
<td>1345-CSA</td>
<td>Door Retainer, 100Kg, Steel body, Black, Terminals</td>
</tr>
</tbody>
</table>
The 1350/1360 series is a range of wall mounted electromagnetic door retainers that offers the user a choice of holding strengths.

Robust and simple to install, they are ideal for a wide range of applications such as nursing homes, hospitals, schools and industrial premises. Doors can be held open under normal conditions and then automatically released in the event of a fire alarm activation.

**Features**
- Versatile holding settings
- High holding force
- Low current consumption
- Release button and protection circuit
- Adjustable damping keeper plate
- Protection diodes as standard

**Benefits**
- Flexibility in installation
- Suitable for large and small fire doors
- Requires less power from your system
- Door can be manually closed when not activated by the fire system
- Allows for door misalignment

**Technical Specification**

<table>
<thead>
<tr>
<th>Feature</th>
<th>Specification</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Holding Force</strong></td>
<td>25-50 Kg 245-490 N / 50-100 Kg 490-960 N</td>
</tr>
<tr>
<td><strong>Voltage</strong></td>
<td>24 Vdc</td>
</tr>
<tr>
<td><strong>Current</strong></td>
<td>25-45 mA / 40-100 mA</td>
</tr>
<tr>
<td><strong>Mounting</strong></td>
<td>Wall mounting / Floor bracket available</td>
</tr>
<tr>
<td><strong>Housing Material</strong></td>
<td>Steel / ABS cover</td>
</tr>
<tr>
<td><strong>Temperature Range</strong></td>
<td>10°C to +55°C</td>
</tr>
<tr>
<td><strong>Protection</strong></td>
<td>IP 40</td>
</tr>
<tr>
<td><strong>Weight</strong></td>
<td>800g / 1000g</td>
</tr>
<tr>
<td><strong>Body Colour</strong></td>
<td>White / Black</td>
</tr>
</tbody>
</table>

**Dimensions**

![Dimensions diagram]

**Catalogue Numbers**

<table>
<thead>
<tr>
<th>Reference</th>
<th>Cat No</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>FSMD/024/40/W/DIODE</td>
<td>1350-CSA</td>
<td>Wall Mounted Magnetic Door Release 24Vdc, 40Kgf/390N (includes diode protection circuit)</td>
</tr>
</tbody>
</table>
Where wall mounted retainers are impractical a floor mount version can offer an alternative. The rugged cast frame of the 1369 series makes it immune to wear from everyday use in high traffic areas such as hospitals and nursing homes.

A manual release button is incorporated into the design and a spring ejector ensures that the door is promptly released.

**Features**
- Floor mounting
- High holding force
- Release button and protection circuit
- CPD certificate
- Protection diodes as standard

**Benefits**
- Flexibility in installation
- Suitable for large and small fire doors
- Door can be manually closed when not activated by the fire system
- Approved for Fire use

**Technical Specification**

<table>
<thead>
<tr>
<th>Feature</th>
<th>Specification</th>
</tr>
</thead>
<tbody>
<tr>
<td>Holding Force</td>
<td>50Kg 490N</td>
</tr>
<tr>
<td>Voltage</td>
<td>24Vdc</td>
</tr>
<tr>
<td>Current</td>
<td>45mA</td>
</tr>
<tr>
<td>Mounting</td>
<td>Wall mounting / Floor bracket available</td>
</tr>
<tr>
<td>Housing Material</td>
<td>ABS / Steel</td>
</tr>
<tr>
<td>Temperature Range</td>
<td>10°C to +55°C</td>
</tr>
<tr>
<td>Protection</td>
<td>IP40</td>
</tr>
<tr>
<td>Weight</td>
<td>950Kg</td>
</tr>
<tr>
<td>Body Colour</td>
<td>Black</td>
</tr>
</tbody>
</table>

**Catalogue Numbers**

<table>
<thead>
<tr>
<th>Reference</th>
<th>Cat No</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>FSMD/024/50/FL</td>
<td>1369-CSA</td>
<td>Floor mounted Magnet 24Vdc, 50Kgf/490N</td>
</tr>
</tbody>
</table>
The 1370 and 1380 range of door retainers is an extremely flexible solution to help meet all of your greatest installation challenges. Floor, wall or ceiling mounted variants ensures that the series is versatile, discreet and simple to install.

**Features**
- Floor, wall or ceiling mounting
- High holding force
- Release button and protection circuit
- Adjustable mounting height within 30 mm
- Protection diodes as standard

**Benefits**
- Flexibility in mounting positions
- Suitable for large and small fire doors
- Door can be manually closed when not activated by the fire system
- Versatile installation

**Technical Specification**

<table>
<thead>
<tr>
<th>Holding Force</th>
<th>50Kg 490N / 100Kg 980N</th>
</tr>
</thead>
<tbody>
<tr>
<td>Voltage</td>
<td>24Vdc</td>
</tr>
<tr>
<td>Current</td>
<td>45mA / 100mA</td>
</tr>
<tr>
<td>Mounting</td>
<td>Wall mounting / Floor bracket available</td>
</tr>
<tr>
<td>Housing Material</td>
<td>ABS / Aluminium</td>
</tr>
<tr>
<td>Temperature Range</td>
<td>10°C to +55°C</td>
</tr>
<tr>
<td>Protection</td>
<td>IP40</td>
</tr>
<tr>
<td>Weight</td>
<td>1200gr / 1680gr</td>
</tr>
<tr>
<td>Body Colour</td>
<td>Black</td>
</tr>
</tbody>
</table>

**Catalogue Numbers**

<table>
<thead>
<tr>
<th>Cat No</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>1370-15-D</td>
<td>DOOR RELEASE WITH BRACKET 50KG 15CM</td>
</tr>
<tr>
<td>1370-30-D</td>
<td>DOOR RELEASE WITH BRACKET 50KG 30CM</td>
</tr>
<tr>
<td>1380-15-D</td>
<td>DOOR RELEASE WITH BRACKET 100KG 15CM</td>
</tr>
<tr>
<td>1380-30-D</td>
<td>DOOR RELEASE WITH BRACKET 100KG 30CM</td>
</tr>
</tbody>
</table>
Flexible keeper plate 120°
- With shock absorber
- Steel plate
- Black thermoplastic structure

Flexible keeper plate 30°
- Reduced size
- Provided with shock absorber
- Steel plate
- Black thermoplastic structure

Bracket for floor or wall mounting
- Steel sheet structure
- White epoxy

Catalogue Numbers

<table>
<thead>
<tr>
<th>Cat No</th>
<th>Description</th>
<th>Compatible Series</th>
<th>Weight</th>
</tr>
</thead>
<tbody>
<tr>
<td>1341-CSA</td>
<td>120° Angle keeper plate Ø45mm white</td>
<td>13100</td>
<td>130gr</td>
</tr>
<tr>
<td>1343-CSA</td>
<td>30° Angle keeper plate Ø45mm white</td>
<td>13100</td>
<td>110gr</td>
</tr>
<tr>
<td>1351-CSA</td>
<td>120° Angle keeper plate Ø55mm black</td>
<td>All up to 50Kg / 480N</td>
<td>170gr</td>
</tr>
<tr>
<td>1353-CSA</td>
<td>30° Angle keeper plate Ø55mm black</td>
<td>All up to 50Kg / 480N</td>
<td>150gr</td>
</tr>
<tr>
<td>1361-CSA</td>
<td>120° Angle keeper plate Ø60mm black</td>
<td>All 100Kg / 980N</td>
<td>210gr</td>
</tr>
<tr>
<td>1363-CSA</td>
<td>30° Angle keeper plate Ø60mm black</td>
<td>All 100Kg / 980N</td>
<td>190gr</td>
</tr>
<tr>
<td>13ST15</td>
<td>150mm bracket for wall / floor mounting</td>
<td>13000, 13100</td>
<td>500gr</td>
</tr>
<tr>
<td>13ST25</td>
<td>250mm bracket for wall / floor mounting</td>
<td>13000, 13100</td>
<td>650gr</td>
</tr>
</tbody>
</table>
A clear indication to the status of an Emergency

In some markets the assurance of a sign board offers an additional level of protection to the building occupants.

A number of predefined messages are available. On request, other messages in any language to suit your market requirement are available. The sign boards can be illuminated, or with a buzzer, with the 5900 series complying with both EN 54-23 and EN 54-3.
Providing Visual and Audible signalling, the 1500 series of sign boards is suitable for a diverse range of applications including fire, flooding and gas. The LED technology provides high performance and energy efficiency ideal for industrial and commercial installations. Various message options are available on page 67.

Features
- Unobtrusive aspect
- Wall mounting
- Visual and audible signalling
- Steady or blinking light

Benefits
- Wide range of applications
- Slim design
- Low consumption LEDs
- International pictograms

Technical Specification

| Housing material              | White coloured thermo-plastic self extinguishing (hot wire 850°C) |
| Screen material               | Self-extinguishing transparent polycarbonate                     |
| Connection type               | Terminals                                                        |
| Operating temperature         | 10°C to +50°C (+5°C to +50°C when self-powered)                  |
| Protection degree             | IP40                                                             |
| Buzzer Characteristics        | Buzzer sound pressure: at 1m 100dB @ 12V - 108dB @ 24V Frequency 3200 Hz Pulsating sound: 0.25 s ON - 0.25 s OFF |
| Packaging                     | 1 pc / package                                                   |

Dimensions

Catalogue Numbers

<table>
<thead>
<tr>
<th>Cat No</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>O-5055-CSA</td>
<td>Indoor LED Sign Board</td>
</tr>
<tr>
<td>CSA08668</td>
<td>English 'Fire Alarm'</td>
</tr>
</tbody>
</table>
IP65 rated, the Series 5500 is suitable for outdoor use. Providing clear visual and audible signalling the series is suitable for notification purposes including fire, flooding and gas.

The LED technology ensures high performance and clear message identification. The robust and reliable plastic housing is rated IP65, making it suitable for outdoor use and industrial environments.

Various message options are available on page 67.

Features
- Thermoplastic self-extinguishing frame
- Protection grade IP 65
- Power supply 12/24 Vcc
- Steady or flashing light
- High sound power buzzer
- Self-powered versions are available (with batteries)

Benefits
- Robust housing
- Wide range of applications
- Slim design
- Low consumption LEDs
- International pictograms

Technical Specification

<table>
<thead>
<tr>
<th>Housing material</th>
<th>White coloured thermo-plastic self-extinguishing (hot wire 850°C)</th>
</tr>
</thead>
<tbody>
<tr>
<td>Screen material</td>
<td>Self-extinguishing transparent polycarbonate</td>
</tr>
<tr>
<td>Connection type</td>
<td>Terminals</td>
</tr>
<tr>
<td>Operating temperature</td>
<td>10°C to +50°C (+5°C to +50°C when self-powered)</td>
</tr>
<tr>
<td>Protection degree</td>
<td>IP65</td>
</tr>
<tr>
<td>Buzzer Characteristics</td>
<td>Buzzer sound pressure: at 1m 100dB @ 12V - 108dB @ 24V Frequency 3200 Hz Pulsating sound: 0.25 s ON - 0.25 s OFF</td>
</tr>
<tr>
<td>Packaging</td>
<td>1 pc / package</td>
</tr>
</tbody>
</table>

Dimensions

Catalogue Numbers

<table>
<thead>
<tr>
<th>Cat No</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>O-5555-CSA</td>
<td>Waterproof LED Sign Board</td>
</tr>
<tr>
<td>CSA08668W</td>
<td>English ‘Fire Alarm’</td>
</tr>
</tbody>
</table>
The 5900 series signboard is IP54 rated, making it suitable for use both indoors and outdoors, even in damp and dusty environments.

With LED technology and an impressive 88dB internal sounder, the Series 5900 is a robust, reliable and high performing signboard for use in virtually any setting where clear and concise notification is needed.

The signboard is available as either a visual, audible or combined visual/audible solution. The visual indication provided by the 5900 series is EN54-23 certified.

### Features
- Self-extinguishing thermoplastic structure
- IP54 Protection Degree
- High power acoustical output
- CPR certified

### Benefits
- CPR certification EN54-3 and EN54-23
- Wide range of applications
- Slim design
- Low consumption LEDs
- International pictograms

### Agriculture
The 5900 series signboard is IP54 rated, making it suitable for use both indoors and outdoors, even in damp and dusty environments.

With LED technology and an impressive 88dB internal sounder, the Series 5900 is a robust, reliable and high performing signboard for use in virtually any setting where clear and concise notification is needed.

The signboard is available as either a visual, audible or combined visual/audible solution. The visual indication provided by the 5900 series is EN54-23 certified.

### Technical Specification

<table>
<thead>
<tr>
<th>Housing material</th>
<th>Self-extinguishing thermoplastic</th>
</tr>
</thead>
<tbody>
<tr>
<td>Connection type</td>
<td>Terminals</td>
</tr>
<tr>
<td>Operating temperature</td>
<td>-10°C to +50°C</td>
</tr>
<tr>
<td>Protection degree</td>
<td>IP54</td>
</tr>
<tr>
<td>Acoustical Specifications</td>
<td>Sound output 88dB(A) @ 1m</td>
</tr>
<tr>
<td></td>
<td>Sound frequency: 2160 Hz +/- 30 Hz</td>
</tr>
<tr>
<td>Packaging</td>
<td>1 pc / package</td>
</tr>
</tbody>
</table>

### Catalogue Numbers

<table>
<thead>
<tr>
<th>Reference</th>
<th>Cat No</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>SIGN BOARD</td>
<td>5945-CSA</td>
<td>EN54-23 VISUAL ALARM DEVICE SIGN BOARD</td>
</tr>
<tr>
<td>SIGN BOARD</td>
<td>5955-CSA</td>
<td>EN54-3 ACOUSTIC ALARM DEVICE SIGN BOARD</td>
</tr>
<tr>
<td>SIGN BOARD</td>
<td>5965-CSA</td>
<td>EN54-23 EN54-3 VIS-ACOUSTIC ALARM DEVICE SIGN BOARD</td>
</tr>
<tr>
<td>Message</td>
<td>CSA08584</td>
<td>English ‘Fire Alarm’</td>
</tr>
</tbody>
</table>
Available messages for the Series 5000. Messages are also available individually.

French
- ALLARME INCENDIE (CSA08670)
- EVACUATION IMMEDIATE (CSA08671)
- ENTREE INTERDITE (CSA08672)

English
- HAZARDOUS AREA (CSA08665)
- EXTINGUISHING IN PROGRESS (CSA08666)
- ALARM (CSA08667)
- FIRE ALARM (CSA08668)
- DO NOT ENTER (CSA08669)
- DOOR CLOSING (CSA0866A)

German
- EINTRITT VERBOTEN (CSA08673)
- FEUERALARM (CSA08674)
- TIEFGARAGE SOFORT VERLASSEN (CSA08675)
- BETRETEN VERBOTEN GASALARM (CSA08676)

Available messages for the Series 5500. Messages are also available individually.

French
- EVACUATION IMMEDIATE (CSA08671W)
- ENTREE INTERDITE (CSA08672W)

English
- ALARM (CSA08667W)
- FIRE ALARM (CSA08668W)
- PLEASE EVACUATE (CSA08691W)

Available English language messages for the Series 5900. Messages are also available individually.

Accessories
- FIRE ALARM (CSA08584)
- EVACUATE PREMISES (CSA08587)
- EXTINGUISHING IN PROGRESS (CSA08589)
Providing a truly global solution for all your signalling and notification challenges

A range of UL and FM approved Wheelock products designed for the North American market. Providing energy efficient, intelligible notification solutions.

A variety of audible and visual notification devices are available, including the new Exceder LED range of notification appliances. Wheelock products offer industry-leading, patented technology for a large range of audible and visual notification appliances.

All Wheelock products carry UL and FM approval.
A rugged 6” motorised bell with fixings to suit standard US wiring accessories. It may be used in exterior applications when fitted to a WBB weather resistant back box.

Features
- UL/FM approvals
- 6” or 10” gong
- Semi flush or surface mounting
- Motorised operation

Benefits
- Can be used in all territories recognising UL standards
- Gong sizes provide different frequencies that stand out from ambient noise
- Flexible installation options using standard US wiring boxes or Wheelock’s own surface back boxes
- Efficient reliable operation

Technical Specification

<table>
<thead>
<tr>
<th>Parameter</th>
<th>Specification</th>
</tr>
</thead>
<tbody>
<tr>
<td>Voltage</td>
<td>16 - 33Vdc</td>
</tr>
<tr>
<td>Current</td>
<td>30mA</td>
</tr>
<tr>
<td>Sound Output</td>
<td>92dB(A) @ 10ft</td>
</tr>
<tr>
<td>Monitoring</td>
<td>Reverse polarity</td>
</tr>
<tr>
<td>Temperature</td>
<td>0ºC to + 49ºC</td>
</tr>
<tr>
<td></td>
<td>-35ºC to + 66ºC (with WBB back box)</td>
</tr>
<tr>
<td>Protection</td>
<td>Interior use</td>
</tr>
<tr>
<td></td>
<td>Exterior use with WBB backbox</td>
</tr>
<tr>
<td>Weight</td>
<td>0.83Kg (2 lbs)</td>
</tr>
<tr>
<td>Colour</td>
<td>Red or grey</td>
</tr>
</tbody>
</table>

Dimensions

Catalogue Numbers

<table>
<thead>
<tr>
<th>Reference</th>
<th>Cat No</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>MB-G6-24-R</td>
<td>CN103941</td>
<td>MB Motor Bell, Red Body, 6in</td>
</tr>
<tr>
<td>MB-G6-24-S</td>
<td>CN104222</td>
<td>MB Motor Bell, Grey Body, 6in</td>
</tr>
</tbody>
</table>
The Wheelock® Exeder™ horns provide 3 sound settings of 90, 95, 99dB. Switch settings can be changed without the use of a tool and are located behind the appliance to prevent tampering. Wall models feature voltage test points for troubleshooting and AHJ inspection.

Features
- UL/FM approvals
- 90/95/99dBA Rating
- Ceiling or wall mount versions
- Fits standard US wiring accessories

Benefits
- Can be used in all territories recognising UL standards
- Output can be matched to the environment
- Aesthetics optimised for the mounting location
- Flexible installation options using standard US wiring boxes

Technical Specification

<table>
<thead>
<tr>
<th>Parameter</th>
<th>Specification</th>
</tr>
</thead>
<tbody>
<tr>
<td>Voltage</td>
<td>12/24 VDC</td>
</tr>
<tr>
<td>Current</td>
<td>Reference Specification Sheet for current by model and dB(A) Setting</td>
</tr>
<tr>
<td>Sound Output</td>
<td>90, 95, 99dBA</td>
</tr>
<tr>
<td>Temperature</td>
<td>0°C to +49°C</td>
</tr>
<tr>
<td>Protection</td>
<td>Internal use</td>
</tr>
<tr>
<td>Weight</td>
<td>0.25Kg</td>
</tr>
<tr>
<td>Colour</td>
<td>Red or White</td>
</tr>
<tr>
<td>Mounting</td>
<td>Wall or Ceiling</td>
</tr>
<tr>
<td>Backbox Mounting</td>
<td>1 gang, 2 gang, 4”sq., 3.5 octal</td>
</tr>
</tbody>
</table>

Dimensions

- Ø169mm x 33mm x 116mm x 33mm

Catalogue Numbers

<table>
<thead>
<tr>
<th>Reference</th>
<th>Cat No</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>HNR</td>
<td>CN126292</td>
<td>Horn, Wall Mount, Red Body, 3 Tones, 12/24V</td>
</tr>
<tr>
<td>HNW</td>
<td>CN126356</td>
<td>Horn, Wall Mount, White Body, 3 Tones, 12/24V</td>
</tr>
<tr>
<td>HNRC</td>
<td>CN128967</td>
<td>Horn, Ceiling Mount, Red Body, 3 Tones, 12/24V</td>
</tr>
<tr>
<td>HNWC</td>
<td>CN128972</td>
<td>Horn, Ceiling Mount, White Body, 3 Tones, 12/24V</td>
</tr>
</tbody>
</table>
The Wheelock® Exceder™ strobes use high efficiency optics to minimise current draw to allow a greater number of appliances on the notification appliance circuit. All strobes feature an industry first of 8 candela settings on a single appliance. Switch settings, can be changed without the use of a tool and are located behind the appliance to prevent tampering. Wall models feature voltage test points for troubleshooting and AHJ inspection.

Features
- UL/FM Approvals
- Switchable candela rating up to 177cd
- Ceiling or Wall mount versions
- Fits standard US wiring accessories

Benefits
- Can be used in all territories recognising UL standards
- Output can be matched to room size and mounting location
- Aesthetics optimised for the mounting location
- Flexible installation options using standard US wiring boxes

Technical Specification

<table>
<thead>
<tr>
<th>Feature</th>
<th>Specification</th>
</tr>
</thead>
<tbody>
<tr>
<td>Voltage</td>
<td>12/24 VDC</td>
</tr>
<tr>
<td>Current</td>
<td>Reference Specification Sheet for current by model and dBA Setting</td>
</tr>
<tr>
<td>Flash Power</td>
<td>Selectable</td>
</tr>
<tr>
<td>(Wall models)</td>
<td>15/75/105/110/135/185</td>
</tr>
<tr>
<td>(Ceiling Models)</td>
<td>15/30/60/75/96/115/150/177</td>
</tr>
<tr>
<td>Temperature</td>
<td>0°C to +49°C</td>
</tr>
<tr>
<td>Protection</td>
<td>Internal use</td>
</tr>
<tr>
<td>Weight</td>
<td>0.25Kg</td>
</tr>
<tr>
<td>Colour</td>
<td>Red or White</td>
</tr>
<tr>
<td>Mounting</td>
<td>Wall or Ceiling</td>
</tr>
<tr>
<td>Backbox Mounting</td>
<td>1 gang, 2 gang, 4”sq., 3.5 octal</td>
</tr>
</tbody>
</table>

Dimensions

Catalogue Numbers

<table>
<thead>
<tr>
<th>Reference</th>
<th>Cat No</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>STR</td>
<td>CN127380</td>
<td>Strobe, Red, Wall mount, 8 Candela settings 12/24V</td>
</tr>
<tr>
<td>STW</td>
<td>CN127685</td>
<td>Strobe, White, Wall mount, 8 Candela settings 12/24V</td>
</tr>
<tr>
<td>STRC</td>
<td>CN127477</td>
<td>Strobe, Red, Ceiling mount, 8 Candela settings 12/24V</td>
</tr>
<tr>
<td>STWC</td>
<td>CN127488</td>
<td>Strobe, White, Ceiling mount, 8 Candela settings 12/24V</td>
</tr>
</tbody>
</table>
The Wheelock Exceder™ LED horn strobes feature one of the industry’s smallest footprints along with a sleek, modern low-profile design.

In addition to energy savings, installers will benefit from a variety of features, including several candela settings, single-gang design, four convenient mounting options and the ability to change settings without a single tool - designed to reduce total cost of ownership.

**Features**
- UL/FM Approvals
- Energy efficient patented LED technology
- Low profile design
- Fits standard US wiring accessories

**Benefits**
- Can be used in all territories recognising UL standards
- LED technology provides lowest current draw, reducing power supplies and installation cost
- Low profile design provides excellent neat aesthetics.
- Flexible installation options using standard US wiring boxes

**Technical Specification**

<table>
<thead>
<tr>
<th>Feature</th>
<th>Specification</th>
</tr>
</thead>
<tbody>
<tr>
<td>Voltage</td>
<td>12/24 VDC</td>
</tr>
<tr>
<td>Current</td>
<td>Reference Specification Sheet for current by model and dB Setting</td>
</tr>
<tr>
<td>Sound Output</td>
<td>90, 95, 99dB</td>
</tr>
<tr>
<td>Flash Power</td>
<td>Selectable</td>
</tr>
<tr>
<td>(Wall models)</td>
<td>15, 30, 75, 110cd</td>
</tr>
<tr>
<td>(Ceiling models)</td>
<td>15/30/60/75/95/115/150/177</td>
</tr>
<tr>
<td>Temperature</td>
<td>0°C to +49°C</td>
</tr>
<tr>
<td>Protection</td>
<td>Internal use</td>
</tr>
<tr>
<td>Weight</td>
<td>0.25Kg</td>
</tr>
<tr>
<td>Colour</td>
<td>Red or White</td>
</tr>
<tr>
<td>Mounting</td>
<td>Wall</td>
</tr>
<tr>
<td>Backbox Mounting</td>
<td>1 gang, Flush US box (4” x 2”)</td>
</tr>
</tbody>
</table>

**Catalogue Numbers**

<table>
<thead>
<tr>
<th>Reference</th>
<th>Cat No</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td></td>
<td>See website for more information</td>
</tr>
</tbody>
</table>
The Wheelock® Exceder™ Series expands to include the industry’s first LED notification appliances in one of the smallest, most compact single gang designs in the world. The patented technology provides the industry’s lowest current draw. Ideal for Green Buildings, it incorporates a breakthrough optical design, resulting in best-in-class efficiency that provides material and system cost savings. Minimising current draw allows for a greater number of appliances on the NAC and fewer power supplies.

**Features**
- UL Approvals
- Wall mounting with switchable candela rating up to 110cd
- Energy efficient patented LED technology
- Fits standard US wiring accessories

**Benefits**
- Can be used in all territories recognising UL standards
- Output can be matched to room size
- LED technology provides the lowest current draw, reducing power supplies and installation cost
- Flexible installation options using standard US wiring boxes or Wheelock dedicated LED backbox

**Dimensions**

**Technical Specification**

<table>
<thead>
<tr>
<th>Feature</th>
<th>Details</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Voltage</strong></td>
<td>12/24 VDC</td>
</tr>
<tr>
<td><strong>Current</strong></td>
<td>Reference Specification Sheet for current by model and dBA Setting</td>
</tr>
<tr>
<td><strong>Flash Power</strong></td>
<td>Selectable</td>
</tr>
<tr>
<td>(Wall models)</td>
<td>15, 30, 75, 110cd</td>
</tr>
<tr>
<td><strong>Temperature</strong></td>
<td>0°C to +49°C</td>
</tr>
<tr>
<td><strong>Protection</strong></td>
<td>Internal use</td>
</tr>
<tr>
<td><strong>Weight</strong></td>
<td>0.25Kg</td>
</tr>
<tr>
<td><strong>Colour</strong></td>
<td>Red or White</td>
</tr>
<tr>
<td><strong>Mounting</strong></td>
<td>Wall</td>
</tr>
<tr>
<td><strong>Backbox Mounting</strong></td>
<td>1 gang, Flush US box (4” x 2”)</td>
</tr>
</tbody>
</table>

**Catalogue Numbers**

<table>
<thead>
<tr>
<th>Reference</th>
<th>Cat No</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td></td>
<td>See website for more information</td>
</tr>
</tbody>
</table>
The Wheelock® Exceder™ horn strobes incorporate high efficiency optics to minimise current draw to allow a greater number of appliances on the notification appliance circuit. All strobes feature an industry first of 8 candela settings on a single appliance and audables feature 3 sound settings of 90, 95, 99dB. Switch settings, can be changed without the use of a tool and are located behind the appliance to prevent tampering. Wall models feature voltage test points for troubleshooting and AHJ inspection.

Features
- UL/FM Approvals
- Switchable candela rating up to 177cd
- Switchable output up to 99dB(A)
- Ceiling or Wall mount versions

Benefits
- Can be used in all territories recognising UL standards
- Output can be matched to room size and mounting location
- Sound output can be adjusted for ambient conditions
- Aesthetics optimised for the mounting location

Dimensions

Catalogue Numbers

<table>
<thead>
<tr>
<th>Reference</th>
<th>Cat No</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>HSR</td>
<td>CN127249</td>
<td>Horn/strobe, Red, Wall mount, 3 Tones, 8 candela settings, 12/24V</td>
</tr>
<tr>
<td>HSW</td>
<td>CN127252</td>
<td>Horn/strobe, White, Wall mount, 3 Tones, 8 candela settings, 12/24V</td>
</tr>
<tr>
<td>HSRC</td>
<td>CN127469</td>
<td>Horn/strobe, Red, Ceiling mount, 3 Tones, 8 candela settings, 12/24V</td>
</tr>
<tr>
<td>HSWC</td>
<td>CN127464</td>
<td>Horn/strobe, White, Ceiling mount, 3 Tones, 8 candela settings, 12/24V</td>
</tr>
</tbody>
</table>
The DSM Sync Module provide the facility to synchronise the strobe flashes and the Code 3 temperoral evacuation tones produced by the notification appliances. It also allow the sounders to be silenced while maintaining synchronised strobe operation, using only a two core cable.

**Features**

- UL/FM approved
- Used with Exceder or AS Audible/Strobes
- Meets NFPA-72 requirements for temporal pattern
- 3A per Circuit

**Benefits**

- Can be used in all territories recognising UL standards
- Synchronises Aidle/Strobe operation to give unambiguous signals
- Meets NFPA guidance for the standard US Temporal alarm signal
- Capacity to operate many devices lowering installation costs

**Technical Specification**

<table>
<thead>
<tr>
<th>Feature</th>
<th>Specification</th>
</tr>
</thead>
<tbody>
<tr>
<td>Voltage</td>
<td>8 - 33Vdc</td>
</tr>
<tr>
<td>Current</td>
<td>3A per circuit (unit requires 40mA average)</td>
</tr>
<tr>
<td>Temperature</td>
<td>0°C to + 49°C</td>
</tr>
<tr>
<td>Protection</td>
<td>Internal use only</td>
</tr>
<tr>
<td>Weight</td>
<td>0.35Kg (0.75 lbs)</td>
</tr>
<tr>
<td>Colour</td>
<td>Red</td>
</tr>
</tbody>
</table>

**Dimensions**

![Dimensions Diagram]

**Catalogue Numbers**

<table>
<thead>
<tr>
<th>Reference</th>
<th>Cat No</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>DSM-12/24-R</td>
<td>CN126374</td>
<td>DSM Sync module</td>
</tr>
</tbody>
</table>
Wheelock Series MPS non-coded Manual Pull Stations are constructed of high quality, die-cast metal for long lasting performance and may be mounted on a single gang (US style) backbox. Available in either single or dual action configurations for indoor or outdoor use with SPST contacts and terminal strip connections.

**Features**
- UL/FM approved
- Key reset
- Robust metal construction
- Fits standard single US box

**Benefits**
- Can be used in all territories recognising UL standards
- Prevents access by unauthorised persons
- Withstands use in busy public and commercial spaces
- Easy installation using Wheelock surface mounting boxes or flush standard US single gang accessories

**Technical Specification**

<table>
<thead>
<tr>
<th>Specification</th>
<th>Details</th>
</tr>
</thead>
<tbody>
<tr>
<td>Voltage</td>
<td>16 - 33Vdc</td>
</tr>
<tr>
<td>Current</td>
<td>Normally open contact will close when the pull station is activated and is rated for 30 Vdc @ 1 amp and/or 120 Vac @ 1 amp.</td>
</tr>
<tr>
<td>Mounting</td>
<td>Wall</td>
</tr>
<tr>
<td>Back box</td>
<td>Single gang (4&quot; x 2&quot;)</td>
</tr>
<tr>
<td>Configurations</td>
<td>Single or dual action</td>
</tr>
<tr>
<td>Temperature</td>
<td>0ºC to + 49ºC</td>
</tr>
<tr>
<td>Protection</td>
<td>Internal or external with NPS-WP backbox</td>
</tr>
<tr>
<td>Weight</td>
<td>0.35Kg (0.75 lbs)</td>
</tr>
<tr>
<td>Colour</td>
<td>Red, die-cast metal</td>
</tr>
<tr>
<td>Left</td>
<td>Mounting</td>
</tr>
<tr>
<td>Right</td>
<td>Single gang flush US box (4&quot; x 2&quot;)</td>
</tr>
<tr>
<td></td>
<td>Surface boxes MPS-ISB or MPS-WP</td>
</tr>
</tbody>
</table>

**Catalogue Numbers**

<table>
<thead>
<tr>
<th>Reference</th>
<th>Cat No</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>MPS-100</td>
<td>CN108400</td>
<td>Manual Pull Station</td>
</tr>
<tr>
<td>MPS-400X</td>
<td>CN108403</td>
<td>Hazardous area Manual Pull Station</td>
</tr>
<tr>
<td>MPS-RODS</td>
<td>CN108406</td>
<td>MPS scored acrylic reeds for MPS-100</td>
</tr>
<tr>
<td>MPS-WP</td>
<td>CN108405</td>
<td>Back box for MPS-100</td>
</tr>
<tr>
<td>Product name</td>
<td>Page</td>
<td>Product reference</td>
</tr>
<tr>
<td>------------------------------</td>
<td>------</td>
<td>-------------------</td>
</tr>
<tr>
<td><strong>SOUNDERS</strong></td>
<td></td>
<td></td>
</tr>
<tr>
<td>ROLP</td>
<td>6</td>
<td>ROLP/SV/R/S</td>
</tr>
<tr>
<td>ROLP/SV/W/S</td>
<td>540502FULL-9406X</td>
<td>RolP, Shallow Base, White Body</td>
</tr>
<tr>
<td>ROLP/SV/R/U</td>
<td>540505FULL-9390X</td>
<td>RolP, U Base, Red Body</td>
</tr>
<tr>
<td>ROLP/SV/W/U</td>
<td>540506FULL-9441X</td>
<td>RolP, U Base, White Body</td>
</tr>
<tr>
<td>ROLP MAXI</td>
<td>7</td>
<td>ROLP/SV/R/S</td>
</tr>
<tr>
<td>ROLP/SV/W/S</td>
<td>540527FULL-9786X</td>
<td>RolP Maxi, Shallow Base, White Body</td>
</tr>
<tr>
<td>CS200</td>
<td>7</td>
<td>CS200/SV/R/S/32</td>
</tr>
<tr>
<td>ASKARI COMPACT</td>
<td>9</td>
<td>AC/SV/R/S/BB</td>
</tr>
<tr>
<td>ASKARI COMPACT</td>
<td>9</td>
<td>AC/SV/W/S/BB</td>
</tr>
<tr>
<td>SYMPHONI</td>
<td>10</td>
<td>SY/R</td>
</tr>
<tr>
<td>SY/R/W1</td>
<td>650002FULL-9004X</td>
<td>Symphonie Sounder, White Body</td>
</tr>
<tr>
<td>SY/R/E</td>
<td>650008FULL-9007X</td>
<td>Symphonie Sounder, Red Body, European tone version</td>
</tr>
<tr>
<td>SY/W1/E</td>
<td>650009FULL-9007X</td>
<td>Symphonie Sounder, White Body, European tone version</td>
</tr>
<tr>
<td>SY/IP/W</td>
<td>654008FULL-9225X</td>
<td>Symphonie Sounder, White Body, IP66 (WP)</td>
</tr>
<tr>
<td>SY/IP/R</td>
<td>654008FULL-9056X</td>
<td>Symphonie Sounder, Red Body, IP66 (WP)</td>
</tr>
<tr>
<td>SYMPHONI HD</td>
<td>11</td>
<td>SY/HD/R</td>
</tr>
<tr>
<td>SY/HD/W</td>
<td>651006FULL-9008X</td>
<td>Symphonie High Output Sounder, White Body</td>
</tr>
<tr>
<td>SY/HO/R/IP</td>
<td>651027FULL-9057X</td>
<td>Symphonie High Output Sounder, Red Body, IP66 Version (WP)</td>
</tr>
<tr>
<td>SY/HO/6W/P</td>
<td>650027FULL-9029X</td>
<td>Symphonie High Output Sounder, White Body, IP66 Version (WP)</td>
</tr>
<tr>
<td>SYMPHONI VOICE+</td>
<td>12</td>
<td>SY/V/R+/VP001ASY</td>
</tr>
<tr>
<td>SY/V/W+/VP001ASY</td>
<td>680004FULL-9004X</td>
<td>Symphonie Voice Plus Sounder, White Body</td>
</tr>
<tr>
<td>ASSERTA Maxi</td>
<td>14</td>
<td>AS/S/24/120/R</td>
</tr>
<tr>
<td>ASSERTA Maxi</td>
<td>14</td>
<td>AS/S/24/120/G</td>
</tr>
<tr>
<td>ASSERTA Maxi</td>
<td>14</td>
<td>AS/S/024/R/110</td>
</tr>
<tr>
<td>ASSERTA Maxi</td>
<td>14</td>
<td>AS/S/024/G/110</td>
</tr>
<tr>
<td>ASSERTA Maxi</td>
<td>14</td>
<td>AS/S/115-230/G/120</td>
</tr>
<tr>
<td>ASSERTA MIDI</td>
<td>15</td>
<td>AS/M/S/9-60V/R</td>
</tr>
<tr>
<td>ASSERTA MIDI</td>
<td>15</td>
<td>AS/M/S/9-60/G</td>
</tr>
<tr>
<td>ASSERTA MIDI</td>
<td>15</td>
<td>AS/M/S/115-230/R</td>
</tr>
<tr>
<td>ASSERTA MIDI</td>
<td>15</td>
<td>AS/M/S/115-230/G</td>
</tr>
<tr>
<td>ASSERTA MIDI</td>
<td>15</td>
<td>AS/M/S/24V42/R</td>
</tr>
<tr>
<td>SQUASHNI G3</td>
<td>13</td>
<td>SQG3/SGR/W</td>
</tr>
<tr>
<td>Product name</td>
<td>Page</td>
<td>Product reference</td>
</tr>
<tr>
<td>------------------------------</td>
<td>------</td>
<td>-------------------</td>
</tr>
<tr>
<td><strong>BEACONS and SOUNDERS BEACONS</strong></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Solista LX Wall</td>
<td>18</td>
<td>SOL-LX-W/W/R1/S</td>
</tr>
<tr>
<td>Solista LX Wall</td>
<td>18</td>
<td>SOL-LX-W/W/R1/D</td>
</tr>
<tr>
<td>Solista LX Wall</td>
<td>18</td>
<td>SOL-LX-W/W/R1/U</td>
</tr>
<tr>
<td>Solista LX Wall</td>
<td>18</td>
<td>SOL-LX-W/W/R1/S</td>
</tr>
<tr>
<td>Solista LX Wall</td>
<td>18</td>
<td>SOL-LX-W/W/R1/D</td>
</tr>
<tr>
<td>Solista LX Wall</td>
<td>18</td>
<td>SOL-LX-W/W/R1/U</td>
</tr>
<tr>
<td>Solista LX Wall</td>
<td>18</td>
<td>SOL-LX-W/W/R1/S</td>
</tr>
<tr>
<td>Solista LX Wall</td>
<td>18</td>
<td>SOL-LX-W/W/R1/D</td>
</tr>
<tr>
<td>Solista LX Wall</td>
<td>18</td>
<td>SOL-LX-W/W/R1/U</td>
</tr>
<tr>
<td>Solista LX Wall</td>
<td>18</td>
<td>SOL-LX-W/W/R1/S</td>
</tr>
<tr>
<td>Solista LX Wall</td>
<td>18</td>
<td>SOL-LX-W/W/R1/D</td>
</tr>
<tr>
<td>Solista LX Wall</td>
<td>18</td>
<td>SOL-LX-W/W/R1/U</td>
</tr>
<tr>
<td>Solista LX Ceiling</td>
<td>19</td>
<td>SOL-LX-C/W/R1/S</td>
</tr>
<tr>
<td>Solista LX Ceiling</td>
<td>19</td>
<td>SOL-LX-C/W/R1/D</td>
</tr>
<tr>
<td>Solista LX Ceiling</td>
<td>19</td>
<td>SOL-LX-C/W/R1/U</td>
</tr>
<tr>
<td>Solista LX Ceiling</td>
<td>19</td>
<td>SOL-LX-C/W/R1/S</td>
</tr>
<tr>
<td>Solista LX Ceiling</td>
<td>19</td>
<td>SOL-LX-C/W/R1/D</td>
</tr>
<tr>
<td>Solista LX Ceiling</td>
<td>19</td>
<td>SOL-LX-C/W/R1/U</td>
</tr>
<tr>
<td><strong>FU LLE O N  FIRE A LARM DEVICES</strong></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Part Numbers</td>
<td></td>
<td></td>
</tr>
<tr>
<td><strong>S OLEX</strong></td>
<td>21</td>
<td>SO/R/SV/3C</td>
</tr>
<tr>
<td>SO/R/DR/3C</td>
<td>21</td>
<td>531025FULL-0067</td>
</tr>
<tr>
<td>SO/R/UI/3C</td>
<td>21</td>
<td>531025FULL-0084</td>
</tr>
<tr>
<td>SO/R/NB/3C</td>
<td>21</td>
<td>531025FULL-1052</td>
</tr>
<tr>
<td>SO/A/SW/3C</td>
<td>21</td>
<td>531026FULL-0062</td>
</tr>
<tr>
<td>SO/A/DW/3C</td>
<td>21</td>
<td>531026FULL-0086</td>
</tr>
<tr>
<td>SO/A/NB/3C</td>
<td>21</td>
<td>531026FULL-1053</td>
</tr>
<tr>
<td>SO/C/SW/3C</td>
<td>21</td>
<td>531028FULL-0067</td>
</tr>
<tr>
<td>SO/C/DW/3C</td>
<td>21</td>
<td>531028FULL-1010</td>
</tr>
<tr>
<td>SO/B/SW/3C</td>
<td>21</td>
<td>531049FULL-0069</td>
</tr>
<tr>
<td>SO/B/DW/3C</td>
<td>21</td>
<td>531049FULL-0089</td>
</tr>
<tr>
<td>SO/G/SW/3C</td>
<td>21</td>
<td>531049FULL-0069</td>
</tr>
<tr>
<td>SO/G/DW/3C</td>
<td>21</td>
<td>531049FULL-0089</td>
</tr>
<tr>
<td>Product name</td>
<td>Page</td>
<td>Product reference</td>
</tr>
<tr>
<td>--------------</td>
<td>------</td>
<td>------------------</td>
</tr>
<tr>
<td><strong>SOLEX 10</strong></td>
<td>21</td>
<td>SD/R/SR/10C</td>
</tr>
<tr>
<td></td>
<td></td>
<td>SD/R/DR/10C</td>
</tr>
<tr>
<td></td>
<td></td>
<td>SD/R/DR/10C</td>
</tr>
<tr>
<td></td>
<td></td>
<td>SD/A/SW/10C</td>
</tr>
<tr>
<td></td>
<td></td>
<td>SD/A/DW/10C</td>
</tr>
<tr>
<td></td>
<td></td>
<td>SD/R/SW/10C</td>
</tr>
<tr>
<td></td>
<td></td>
<td>SD/R/UR/10C</td>
</tr>
<tr>
<td></td>
<td></td>
<td>SD/G/DW/10C</td>
</tr>
<tr>
<td></td>
<td></td>
<td>SD/A/UR/10C</td>
</tr>
<tr>
<td></td>
<td></td>
<td>SD/B/SW/10C</td>
</tr>
<tr>
<td></td>
<td></td>
<td>SD/B/DW/10C</td>
</tr>
<tr>
<td></td>
<td></td>
<td>SD/G/SW/10C</td>
</tr>
<tr>
<td></td>
<td></td>
<td>SD/C/SW/10C</td>
</tr>
<tr>
<td></td>
<td></td>
<td>SD/C/DW/10C</td>
</tr>
<tr>
<td></td>
<td></td>
<td>SD/C/UR/10C</td>
</tr>
<tr>
<td></td>
<td></td>
<td>SD/A/SW/10/AT</td>
</tr>
<tr>
<td></td>
<td></td>
<td>SD/R/SW/10/AT</td>
</tr>
<tr>
<td></td>
<td></td>
<td>SD/A/DW/10C + MAINS MOD</td>
</tr>
<tr>
<td></td>
<td></td>
<td>SD/R/DR/10C + MAINS MOD</td>
</tr>
<tr>
<td></td>
<td></td>
<td>SD/B/DW/10C + MAINS MOD</td>
</tr>
<tr>
<td><strong>SOLEX 15</strong></td>
<td>21</td>
<td>SD/R/SR/15C</td>
</tr>
<tr>
<td></td>
<td></td>
<td>SD/R/DR/15C</td>
</tr>
<tr>
<td></td>
<td></td>
<td>SD/R/UR/15C</td>
</tr>
<tr>
<td></td>
<td></td>
<td>SD/A/SW/15C</td>
</tr>
<tr>
<td></td>
<td></td>
<td>SD/A/DW/15C</td>
</tr>
<tr>
<td></td>
<td></td>
<td>SD/C/SW/15C</td>
</tr>
<tr>
<td></td>
<td></td>
<td>SD/C/DW/15C</td>
</tr>
<tr>
<td></td>
<td></td>
<td>SD/B/SW/15C</td>
</tr>
<tr>
<td></td>
<td></td>
<td>SD/B/DW/15C</td>
</tr>
<tr>
<td></td>
<td></td>
<td>SD/B/UR/15C</td>
</tr>
<tr>
<td></td>
<td></td>
<td>SD/G/SW/15C</td>
</tr>
<tr>
<td></td>
<td></td>
<td>SD/G/DW/15C</td>
</tr>
<tr>
<td><strong>LENS PACKS</strong></td>
<td>NOT SHOWN</td>
<td>SD/LENS/R PK</td>
</tr>
<tr>
<td></td>
<td></td>
<td>SD/LENS/A PK5</td>
</tr>
<tr>
<td></td>
<td></td>
<td>SD/LENS/C PK5</td>
</tr>
<tr>
<td></td>
<td></td>
<td>SD/LENS/B PK5</td>
</tr>
<tr>
<td></td>
<td></td>
<td>SD/LENS/G PK5</td>
</tr>
<tr>
<td><strong>RoLP LX WALL</strong></td>
<td>24</td>
<td>ROLP/W1/LX-W/WF</td>
</tr>
<tr>
<td></td>
<td></td>
<td>ROLP/R1/LX-W/WF</td>
</tr>
<tr>
<td></td>
<td></td>
<td>ROLP/W1/LX-W/RF</td>
</tr>
<tr>
<td></td>
<td></td>
<td>ROLP/R1/LX-W/RF</td>
</tr>
<tr>
<td><strong>RoLP MAXI LX WALL</strong></td>
<td>24</td>
<td>ROLPX/W1/LX-W/WF</td>
</tr>
<tr>
<td></td>
<td></td>
<td>ROLPX/R1/LX-W/WF</td>
</tr>
<tr>
<td></td>
<td></td>
<td>ROLPX/W1/LX-W/RF</td>
</tr>
<tr>
<td></td>
<td></td>
<td>ROLPX/R1/LX-W/RF</td>
</tr>
<tr>
<td>Product name</td>
<td>Page</td>
<td>Product reference</td>
</tr>
<tr>
<td>----------------------</td>
<td>------</td>
<td>-------------------</td>
</tr>
<tr>
<td>BEACONS and SOUNDERS BEACONS (cont.)</td>
<td></td>
<td></td>
</tr>
<tr>
<td>ROLP LX WALL BASE</td>
<td>24</td>
<td>ROLP Base-LX-W/RF/R1</td>
</tr>
<tr>
<td>SYMPHONI G1 LX WALL</td>
<td>25</td>
<td>SYG1/LX-W/RF/W1</td>
</tr>
<tr>
<td>SYMPHONI G1 LX WALL WP</td>
<td>25</td>
<td>SYG1/LX-W/RF/W1/WP</td>
</tr>
<tr>
<td>SYMPHONI G1 E LX WALL</td>
<td>25</td>
<td>SYG1/E/LX-W/RF/R1</td>
</tr>
<tr>
<td>SYMPHONI G1 E LX WALL WP</td>
<td>25</td>
<td>SYG1/E/LX-W/RF/W1/WP</td>
</tr>
<tr>
<td>SYMPHONI HO LX WALL</td>
<td>25</td>
<td>SYHO/LX-W/RF/R1/W1</td>
</tr>
<tr>
<td>SYMPHONI HO LX WALL WP</td>
<td>25</td>
<td>SYHO/LX-W/RF/W1/WP</td>
</tr>
<tr>
<td>SYMPHONI VOICE+ LX WALL</td>
<td>25</td>
<td>SYV+/LX-W/RF/R1/W1</td>
</tr>
<tr>
<td>SYMPHONI VOICE+ LX WALL WP</td>
<td>25</td>
<td>SYV+/LX-W/RF/R1/W1/WP</td>
</tr>
<tr>
<td>SYMPHONI BASE</td>
<td>25</td>
<td>SY Base-LX-W/RF/R1/W1</td>
</tr>
<tr>
<td>SYMPHONI BASE WP</td>
<td>25</td>
<td>SY Base-LX-W/RF/R1/W1/WP</td>
</tr>
</tbody>
</table>
### BEACONs and SOUNDERS BEACONs (cont.)

<table>
<thead>
<tr>
<th>Product name</th>
<th>Page</th>
<th>Product reference</th>
<th>Cat No</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>Squashini LX Base</td>
<td>25</td>
<td>SEE WEBSITE FOR MORE INFORMATION</td>
<td></td>
<td>Squashini G4 LX Ceiling</td>
</tr>
<tr>
<td><strong>RULP SOLISTA</strong></td>
<td>29</td>
<td>RULPSB/SV/RL/S/S</td>
<td>8210112FULL-0015X</td>
<td>RULP Solista, Red LED Beacon, Red Lens, Red Shallow Base</td>
</tr>
<tr>
<td></td>
<td></td>
<td>RULPSB/SV/RL/R/D</td>
<td>8210113FULL-0016X</td>
<td>RULP Solista, Red LED Beacon, Red Deep Base</td>
</tr>
<tr>
<td></td>
<td></td>
<td>RULPSB/SV/RL/W/S</td>
<td>8210114FULL-0017X</td>
<td>RULP Solista, Red LED Beacon, Red Lens, White Shallow Base</td>
</tr>
<tr>
<td></td>
<td></td>
<td>RULPSB/SV/RL/AL/N/R</td>
<td>8210111FULL-0004X</td>
<td>RULP Solista, Red LED Beacon, Red Lens, Red No Base</td>
</tr>
<tr>
<td></td>
<td></td>
<td>RULPSB/SV/AL/AL/W/D</td>
<td>8210125FULL-0007X</td>
<td>RULP Solista, Amber LED Beacon, Amber Lens, White Deep Base</td>
</tr>
<tr>
<td><strong>RULP MAXI SOLISTA</strong></td>
<td>30</td>
<td>RULPX/SB/RL/R/S/S</td>
<td>8210119FULL-0001</td>
<td>RULP Maxi Sounder Beacon, Red LED Beacon, Red Shallow Base</td>
</tr>
<tr>
<td></td>
<td></td>
<td>RULPX/SB/RL/R/D</td>
<td>8210130FULL-0002</td>
<td>RULP Maxi Sounder Beacon, Amber Lens, White Deep Base</td>
</tr>
<tr>
<td>See website for further part numbers and variants</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td><strong>FLASHNI 24V</strong></td>
<td>31</td>
<td>FL/SV/RL/S/S SWITCH</td>
<td>640025FULL-0061X</td>
<td>Flashni Sounder/Beacon, Red Lens, Red Shallow Base, Tone select switch</td>
</tr>
<tr>
<td></td>
<td></td>
<td>FL/SV/RL/R/D SWITCH</td>
<td>640031FULL-0111X</td>
<td>Flashni Sounder/Beacon, Red Lens, Deep Base, Tone select switch</td>
</tr>
<tr>
<td></td>
<td></td>
<td>FL/AL/W/D SWITCH</td>
<td>640451FULL-0066X</td>
<td>Flashni Sounder/Beacon, Amber Lens, White Deep Base, Tone select switch</td>
</tr>
<tr>
<td></td>
<td></td>
<td>FL/RL/R/D SEPARATE SWITCH</td>
<td>640454FULL-0208X</td>
<td>Flashni Sounder/Beacon, Red Lens, White Deep Base, Tone select switch, Separate com for sonnder and beacon</td>
</tr>
<tr>
<td></td>
<td></td>
<td>FL/AL/R/D SEPARATE SWITCH</td>
<td>640454FULL-0206X</td>
<td>Flashni Sounder/Beacon, Amber Lens, Red Deep Base, Tone select switch, Separate com for sonnder and beacon</td>
</tr>
<tr>
<td><strong>FLASHNI 12V</strong></td>
<td>31</td>
<td>FL/RL/R/S 12V SND5</td>
<td>640204FULL-0067</td>
<td>Flashni 12V Sounder/Beacon, Red Lens, Red Shallow Base, Tone 5</td>
</tr>
<tr>
<td></td>
<td></td>
<td>FL/RL/R/S 12V SND5</td>
<td>640202FULL-0039</td>
<td>Flashni 12V Sounder/Beacon, Red Lens, White Shallow Base, Tone 5</td>
</tr>
<tr>
<td></td>
<td></td>
<td>FL/CL/W/D 12V SND5</td>
<td>640206FULL-0009</td>
<td>Flashni 12V Sounder/Beacon, Clear Lens, White Deep Base, Tone 5</td>
</tr>
<tr>
<td></td>
<td></td>
<td>FL/RL/W/D 12V SND5</td>
<td>640203FULL-0008</td>
<td>Flashni 12V Sounder/Beacon, Blue Lens, White Shallow Base, Tone 5</td>
</tr>
<tr>
<td></td>
<td></td>
<td>FL/RL/R/S 12V Switch</td>
<td>640023FULL-0008</td>
<td>Flashni 12V Sounder/Beacon, Red Lens, Red Shallow Base, Tone select switch</td>
</tr>
<tr>
<td></td>
<td></td>
<td>FL/RL/R/D CPD VERSION</td>
<td>640013FULL-0035</td>
<td>Flashni XE, Blue Lens, Red Shallow Base</td>
</tr>
<tr>
<td></td>
<td></td>
<td>FL/CL/R/D SEPARATE/SWITCH</td>
<td>640015FULL-0046X</td>
<td>Flashni XE, Blue Lens, Red Deep Base</td>
</tr>
<tr>
<td></td>
<td></td>
<td>FL/CL/R/D SWITCH</td>
<td>640466FULL-0202</td>
<td>Flashni XE, Clear Lens, Red Deep Base, Separate</td>
</tr>
<tr>
<td></td>
<td></td>
<td>FL/CL/R/S SWITCH</td>
<td>640007FULL-0036X</td>
<td>Flashni XE, Clear Lens, Red Deep Base, Tone select switch</td>
</tr>
<tr>
<td></td>
<td></td>
<td>FL/CL/R/S SWITCH</td>
<td>640005FULL-0034</td>
<td>Flashni XE, Clear Lens, Red Shallow Base, Tone select switch</td>
</tr>
<tr>
<td></td>
<td></td>
<td>FL/AL/R/D FLASHNI</td>
<td>640011FULL-0010</td>
<td>Flashni XE, Amber Lens, Red Deep Base</td>
</tr>
<tr>
<td></td>
<td></td>
<td>FL/AL/R/D 12V SND5</td>
<td>640012FULL-0003X</td>
<td>Flashni XE, Amber Lens, White Deep Base</td>
</tr>
<tr>
<td></td>
<td></td>
<td>FL/AL/R/D 12V SND5</td>
<td>640054FULL-0147X</td>
<td>Flashni XE, 12V Sounder/Beacon, Amber Lens, White Deep Base, Tone 5</td>
</tr>
<tr>
<td></td>
<td></td>
<td>FL/AL/R/D 24V</td>
<td>640014FULL-0029</td>
<td>Flashni XE, Blue Lens, White Shallow Base</td>
</tr>
<tr>
<td></td>
<td></td>
<td>FL/AL/R/D 24V</td>
<td>640016FULL-0011</td>
<td>Flashni XE, Blue Lens, White Deep Base, 24Vdc</td>
</tr>
<tr>
<td></td>
<td></td>
<td>FL/CL/R/D SWITCH</td>
<td>640024FULL-0259</td>
<td>Flashni XE, Clear Lens, White Shallow Base, Switch</td>
</tr>
<tr>
<td></td>
<td></td>
<td>FL/CL/R/D 24V/SEPARATE</td>
<td>640105FULL-0266X</td>
<td>Flashni XE, Clear Lens, White Shallow Base, 24Vdc, Separate</td>
</tr>
<tr>
<td><strong>ASSERTA SOUNDER BEACON 24Vdc</strong></td>
<td>32</td>
<td>AS/SB/24/120/R/RL</td>
<td>702112FULL-0004X</td>
<td>Asserta Sounder/Beacon 24Vdc, 120dB, Red Lens, Red Body</td>
</tr>
<tr>
<td></td>
<td></td>
<td>AS/SB/24/120/R/AL</td>
<td>702112FULL-0113X</td>
<td>Asserta Sounder/Beacon, 24Vdc, Amber Lens, 120dB, Red Body</td>
</tr>
<tr>
<td></td>
<td></td>
<td>AS/SB/24/120/R/BL</td>
<td>702212FULL-0109X</td>
<td>Asserta Sounder/Beacon, 24Vdc Blue Lens, 120dB, Red Body</td>
</tr>
<tr>
<td></td>
<td></td>
<td>AS/SB/24/120/G/AL</td>
<td>709227FULL-0152X</td>
<td>Asserta Sounder/Beacon, 24Vdc, Amber Lens, 120dB, Grey Body</td>
</tr>
<tr>
<td></td>
<td></td>
<td>AS/SB/24/110/R/BL</td>
<td>702212FULL-0189X</td>
<td>Asserta Sounder/Beacon 24Vdc Blue Lens, 110dB, Red Body</td>
</tr>
<tr>
<td></td>
<td></td>
<td>AS/SB/230/G/120/R/AL</td>
<td>709228FULL-0153</td>
<td>Asserta Sounder/Beacon, 230Vac, Amber Lens, 120dB, Grey Body</td>
</tr>
</tbody>
</table>
## BEACONS and SOUNDERS BEACONS (cont.)

<table>
<thead>
<tr>
<th>Product name</th>
<th>Page</th>
<th>Product reference</th>
<th>Cat No</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>ASSERTA MIDI SOUNDER BEACON 24Vdc</td>
<td>33</td>
<td>AS/M/SL/9-60/V/RL</td>
<td>7051111FULL-0128X</td>
<td>Asserta Midi Sounder Beacon, 9 to 60Vdc, Red Lens, Red Body</td>
</tr>
<tr>
<td>AS/M/SL/9-60/R/CL</td>
<td></td>
<td>FULL STANDARD</td>
<td></td>
<td>Asserta Midi Sounder/Beacon, 9 to 60Vdc, Clear Lens, Red Body</td>
</tr>
<tr>
<td>AS/M/SL/9-60/V/AL</td>
<td></td>
<td></td>
<td></td>
<td>Asserta Midi Sounder/Beacon, 9 to 60Vdc, Amber Lens, Red Body</td>
</tr>
<tr>
<td>AS/M/SL/9-60/V/RL</td>
<td></td>
<td>CPD</td>
<td>702234FULL-0141X</td>
<td>Asserta Midi Sounder/Beacon, 9 to 60Vdc, Blue Lens, Red Body</td>
</tr>
<tr>
<td>AS/M/SL/9-60/G/AL</td>
<td></td>
<td></td>
<td>7051212FULL-0015X</td>
<td>Asserta Midi Sounder/Beacon, 9 to 60Vdc, Amber Lens, Grey Body</td>
</tr>
<tr>
<td>AS/M/SL/9-60/G/RL</td>
<td></td>
<td>CPD</td>
<td>702238FULL-0181X</td>
<td>Asserta Midi Sounder/Beacon, 9 to 60Vdc, Grey Lens, Red Body</td>
</tr>
<tr>
<td>AS/M/SL/9-60/G/AL</td>
<td></td>
<td></td>
<td>7051212FULL-0015X</td>
<td>Asserta Midi Sounder/Beacon, 9 to 60Vdc, Amber Lens, Grey Body</td>
</tr>
<tr>
<td>AS/M/SL/115/RL/AL</td>
<td></td>
<td></td>
<td>709228FULL-0142</td>
<td>Asserta Midi Sounder/Beacon, 115Vac, Red Lens, Red Body</td>
</tr>
<tr>
<td>AS/M/SL/115/G/AL</td>
<td></td>
<td></td>
<td>709228FULL-0144</td>
<td>Asserta Midi Sounder/Beacon, 115Vac, Amber Lens, Grey Body</td>
</tr>
<tr>
<td>AS/M/SL/230/RL/AL</td>
<td></td>
<td></td>
<td>709228FULL-0140</td>
<td>Asserta Midi Sounder/Beacon, 230Vac, Red Lens, Red Body</td>
</tr>
<tr>
<td>AS/M/SL/230/G/AL</td>
<td></td>
<td></td>
<td>709228FULL-0141</td>
<td>Asserta Midi Sounder/Beacon, 230Vac, Amber Lens, Red Body</td>
</tr>
<tr>
<td>AS/M/SL/230/G/CL</td>
<td></td>
<td></td>
<td>709228FULL-0143</td>
<td>Asserta Midi Sounder/Beacon, 230Vac, Clear Lens, Red Body</td>
</tr>
<tr>
<td>AS/M/SL/230/G/AL</td>
<td></td>
<td></td>
<td>709228FULL-0145</td>
<td>Asserta Midi Sounder/Beacon, 230Vac, Grey Lens, Red Body</td>
</tr>
<tr>
<td>ASSERTA MIDI RED LENS PK 5</td>
<td></td>
<td></td>
<td>709229FULL-0327</td>
<td>Asserta Midi, Red Lens (Pack of 5)</td>
</tr>
<tr>
<td>ASSERTA MIDI BLUE LENS PK 5</td>
<td></td>
<td></td>
<td>709229FULL-0328</td>
<td>Asserta Midi, Blue Lens (Pack of 5)</td>
</tr>
<tr>
<td>ASSERTA MIDI CLEAR LENS PK 5</td>
<td></td>
<td></td>
<td>709229FULL-0329</td>
<td>Asserta Midi, Clear Lens (Pack of 5)</td>
</tr>
<tr>
<td>ASSERTA MIDI AMBER LENS PK 5</td>
<td></td>
<td></td>
<td>709229FULL-0330</td>
<td>Asserta Midi, Amber Lens (Pack of 5)</td>
</tr>
</tbody>
</table>

## CALL POINTS

<table>
<thead>
<tr>
<th>Product name</th>
<th>Page</th>
<th>Product reference</th>
<th>Cat No</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>CXL</td>
<td>36</td>
<td>CXL/G/Y/R/BB/470=680</td>
<td>4920018FULL-0018X</td>
<td>Conventional 470R/800R with LED and back box. Includes both glass and Universal plastic resettable elements.</td>
</tr>
<tr>
<td>CXL WP</td>
<td>36</td>
<td>CXL/G/Y/R/BB/470=680 WP</td>
<td>499004FULL-0420X</td>
<td>Conventional IP65 470R/800R with LED and back box. Includes both Universal glass and plastic resettable elements.</td>
</tr>
<tr>
<td>CXL YELLOW</td>
<td>36</td>
<td>CXL/G/Y/R/BB Universal</td>
<td>491411FULL-0370</td>
<td>Yellow conventional 470R/600R with LED and back box. Includes both glass and plastic resettable elements. Top label “Gas Release”</td>
</tr>
<tr>
<td>CXM</td>
<td>37</td>
<td>CXM/CO/G/Y/R/BB</td>
<td>493001FULL-0048X</td>
<td>For Older Systems - Conventional Red, Change over contacts up to 230Vac. Back box included (Glass element provided)</td>
</tr>
<tr>
<td>CXM WP</td>
<td>37</td>
<td>CXM/CO/G/Y/R/WP</td>
<td>499007FULL-0122X</td>
<td>For Older Systems - Conventional Red, Change over contacts up to 230Vac. Weatherproof back box included (Glass element provided)</td>
</tr>
<tr>
<td>CXM YELLOW</td>
<td>37</td>
<td>CXM/CO/G/Y/R/BB</td>
<td>493011FULL-0049</td>
<td>Yellow, Conventional SPCO contacts (No LED) and back box. Glass element. Top label “Gas Release”</td>
</tr>
<tr>
<td>CXM GREEN</td>
<td>37</td>
<td>CXM/CO/G/Y/R/BB</td>
<td>493012FULL-0135</td>
<td>Green, Conventional SPCO contacts (No LED) and back box. Plastic element. Top label “Door Release”</td>
</tr>
<tr>
<td>CXM WHITE</td>
<td>37</td>
<td>CXM/CO/G/Y/R/BB</td>
<td>493012FULL-0186C</td>
<td>White, Conventional SPCO contacts (No LED) and back box. Glass &amp; plastic element. Top label “EMERGENCY”</td>
</tr>
<tr>
<td>CXM WHITE</td>
<td>37</td>
<td>CXM/CO/G/Y/R/BB</td>
<td>493012FULL-0186C</td>
<td>White, Conventional SPCO contacts (No LED) and back box. Glass &amp; plastic element. Top label is BLANK</td>
</tr>
<tr>
<td>CXM BLUE</td>
<td>37</td>
<td>CXM/CO/G/Y/R/BB</td>
<td>493033FULL-0486</td>
<td>Blue, Conventional SPCO contacts (No LED) and weatherproof back box. Glass &amp; plastic element. Top label is BLANK</td>
</tr>
<tr>
<td>CXM 230</td>
<td>37</td>
<td>CXM/CO/G/Y/R/BB</td>
<td>493042FULL-0500</td>
<td>CXM 230 Call Point, Red Body with Backbox, Glass element provided.</td>
</tr>
<tr>
<td>CKX KEYSWITCH</td>
<td>38</td>
<td>CKX/G/2/Y/BB</td>
<td>494211FULL-0036</td>
<td>Keyswitch 2-Way (including back box)</td>
</tr>
<tr>
<td>BACK BOX</td>
<td></td>
<td>CXB/R</td>
<td>499001FULL-0050</td>
<td>Standard Back Box (Box of 10)</td>
</tr>
<tr>
<td>COVER</td>
<td></td>
<td>CPC PACK OF 10 IN A BOX</td>
<td>499006FULL-0022</td>
<td>Polycarbonate Cover (Box of 10)</td>
</tr>
<tr>
<td>RESSETTABLE PLASTIC ELEMENT</td>
<td></td>
<td>CPC/TI</td>
<td>499004FULL-0156</td>
<td>Polycarbonate Cover including Security Tie (Pack of 10)</td>
</tr>
<tr>
<td>SPARE GLASS</td>
<td></td>
<td>CPC/SPARE GLASS</td>
<td>51620FULL-0010</td>
<td>Spare Glass (Pack of 10)</td>
</tr>
<tr>
<td>SPARE KEY</td>
<td></td>
<td>CPC/UK SPARE KEY</td>
<td>499008FULL-0040</td>
<td>Spare Key (Pack of 10)</td>
</tr>
</tbody>
</table>

**FIRECART**

<table>
<thead>
<tr>
<th>Part Numbers</th>
<th>Page</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>12V Smoke Detector</td>
<td>27</td>
<td>Smoke Detector 12V</td>
</tr>
<tr>
<td>SQG3 AV</td>
<td>28</td>
<td>SQG3 Base AV, White</td>
</tr>
</tbody>
</table>

**FULL LEON FIRE ALARM DEVICES**

83
### Bells

<table>
<thead>
<tr>
<th>Product name</th>
<th>Page</th>
<th>Product reference</th>
<th>Cat No</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>6&quot; Bell 12</td>
<td>42</td>
<td>CF6BD12 RED</td>
<td>521301FULL-1301</td>
<td>6 Inch Motorised Bell 12Vdc, Red (Centrifugal *)</td>
</tr>
<tr>
<td>6&quot; Bell 24V</td>
<td>42</td>
<td>CF6BD24 RED</td>
<td>521601FULL-1601</td>
<td>6 Inch Motorised Bell 24Vdc, Red (Centrifugal *)</td>
</tr>
<tr>
<td>FB Bell</td>
<td>43</td>
<td>FB/12/RED</td>
<td>500001FULL-0001</td>
<td>Electronic Solenoid Bell 12 Volts DC, Red</td>
</tr>
<tr>
<td></td>
<td></td>
<td>FB/12/GREY</td>
<td>500002FULL-0002</td>
<td>Electronic Solenoid Bell 12 Volts DC, Grey</td>
</tr>
<tr>
<td></td>
<td></td>
<td>FB/024/R</td>
<td>502001FULL-2001</td>
<td>Electronic Solenoid Bell 24 Volts DC, Red</td>
</tr>
<tr>
<td></td>
<td></td>
<td>FB/024/G</td>
<td>502002FULL-2002</td>
<td>Electronic Solenoid Bell 24 Volts DC, Grey</td>
</tr>
<tr>
<td></td>
<td></td>
<td>FB/230/R/L</td>
<td>504001FULL-0001</td>
<td>Electronic Solenoid Bell 230 Volts AC, Red</td>
</tr>
<tr>
<td></td>
<td></td>
<td>FB/230/G/L</td>
<td>504002FULL-0002</td>
<td>Electronic Solenoid Bell 230 Volts AC, Grey</td>
</tr>
</tbody>
</table>

### Remote LED Indicator

<table>
<thead>
<tr>
<th>Product name</th>
<th>Page</th>
<th>Product reference</th>
<th>Cat No</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>Remote LED Indicator</td>
<td>46</td>
<td>REM/C LED</td>
<td>600111FULL-0000</td>
<td>Remote Indicator - Red Lens</td>
</tr>
<tr>
<td>Remote LED Buzzer Indicator</td>
<td>46</td>
<td>REM/C/8 LED + BUZZER</td>
<td>600112FULL-0000</td>
<td>Remote Indicator with integral buzzer - Red Lens</td>
</tr>
</tbody>
</table>

### CSA Indicators

<table>
<thead>
<tr>
<th>Product name</th>
<th>Page</th>
<th>Product reference</th>
<th>Cat No</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>OPT.-ACOUST. LED INDIC. RED FIXED</td>
<td>47</td>
<td>O-1490R</td>
<td></td>
<td>OPT.-ACOUST. LED INDIC. RED FIXED</td>
</tr>
<tr>
<td></td>
<td></td>
<td>O-1490V</td>
<td></td>
<td>OPT.-ACOUST. LED INDIC. GREEN FIXED</td>
</tr>
<tr>
<td></td>
<td></td>
<td>O-1490G</td>
<td></td>
<td>OPT.-ACOUST. LED INDIC. YELLOW FIXED</td>
</tr>
<tr>
<td></td>
<td></td>
<td>O-1490CR</td>
<td></td>
<td>OPTICAL-ACOUST. LED INDIC. RED</td>
</tr>
<tr>
<td></td>
<td></td>
<td>O-1490CV</td>
<td></td>
<td>OPT.-ACOUST. LED GREEN FIXED/FLASH</td>
</tr>
<tr>
<td></td>
<td></td>
<td>O-1490CG</td>
<td></td>
<td>OPT.-ACOUST. LED YELLOW FIXED/FLASH</td>
</tr>
<tr>
<td></td>
<td></td>
<td>O-149062R</td>
<td></td>
<td>OPT.-ACOUST. LED RED FIXED/FLASH BUZZ</td>
</tr>
<tr>
<td></td>
<td></td>
<td>O-149062V</td>
<td></td>
<td>OPT.-ACOUST. LED GREEN FIXED/FLASH BUZZ</td>
</tr>
<tr>
<td></td>
<td></td>
<td>O-149062G</td>
<td></td>
<td>OPT.-ACOUST. LED YELLOW FIXED/FLASH BUZZ</td>
</tr>
</tbody>
</table>

### Bases

<table>
<thead>
<tr>
<th>Product name</th>
<th>Page</th>
<th>Product reference</th>
<th>Cat No</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>RED</td>
<td>50</td>
<td>Shallow Base Red</td>
<td>590005FULL-9027</td>
<td>Red Shallow Base + Locking Screw</td>
</tr>
<tr>
<td></td>
<td></td>
<td>Deep Base Red</td>
<td>590001FULL-9022</td>
<td>Red Deep Base + Locking Screw</td>
</tr>
<tr>
<td></td>
<td></td>
<td>U Base Red</td>
<td>590002FULL-9094</td>
<td>Red U Base + Locking Screw</td>
</tr>
<tr>
<td>WHITE</td>
<td>50</td>
<td>Shallow Base White</td>
<td>590005FULL-9118</td>
<td>White Shallow Base + locking screw</td>
</tr>
<tr>
<td></td>
<td></td>
<td>Deep Base White</td>
<td>590002FULL-9017</td>
<td>White Deep Base + locking screw</td>
</tr>
<tr>
<td></td>
<td></td>
<td>U Base White</td>
<td>590001FULL-9099</td>
<td>White U Base + locking screw</td>
</tr>
<tr>
<td>COMBI RED</td>
<td>50</td>
<td>CB/2/R</td>
<td>590004FULL-9034</td>
<td>Combi Base 2 x Red Deep Base</td>
</tr>
<tr>
<td></td>
<td></td>
<td>CB/3/R</td>
<td>590008FULL-9321</td>
<td>Combi Base 3 x Red Deep Base</td>
</tr>
<tr>
<td></td>
<td></td>
<td>CB/4/R</td>
<td>590009FULL-9322</td>
<td>Combi Base 4 x Red Deep Base</td>
</tr>
<tr>
<td>COMBI WHITE</td>
<td>50</td>
<td>CB/2/W</td>
<td>590010FULL-9323</td>
<td>Combi Base 2 x White Deep Base</td>
</tr>
<tr>
<td></td>
<td></td>
<td>CB/3/W</td>
<td>590011FULL-9324</td>
<td>Combi Base 3 x White Deep Base</td>
</tr>
<tr>
<td></td>
<td></td>
<td>CB/4/W</td>
<td>590012FULL-9325</td>
<td>Combi Base 4 x White Deep Base</td>
</tr>
<tr>
<td>Product name</td>
<td>Page</td>
<td>Product reference</td>
<td>Cat No</td>
<td>Description</td>
</tr>
<tr>
<td>--------------------------------------</td>
<td>------</td>
<td>-------------------</td>
<td>--------</td>
<td>--------------------------------------------------</td>
</tr>
<tr>
<td><strong>POWER SUPPLIES</strong></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>CSA Switching Power Supply</td>
<td>51</td>
<td>82415-CSA</td>
<td>82415</td>
<td>SWITCHING POWER SUPPLY UNIT 27.6V 1.5A</td>
</tr>
<tr>
<td></td>
<td></td>
<td>82425-CSA</td>
<td>82425</td>
<td>SWITCHING POWER SUPPLY UNIT 27.6V 2.5A</td>
</tr>
<tr>
<td></td>
<td></td>
<td>82450-CSA</td>
<td>82450</td>
<td>SWITCHING POWER SUPPLY UNIT 27.6V 5A</td>
</tr>
<tr>
<td>CSA Metal Box Power Supply</td>
<td>52</td>
<td>82415BG</td>
<td>82415BG</td>
<td>METAL BOX POWER SUPPLY 27.6V 1.5A SMALL</td>
</tr>
<tr>
<td></td>
<td></td>
<td>82425BG</td>
<td>82425BG</td>
<td>METAL BOX POWER SUPPLY 27.6V 2.5A</td>
</tr>
<tr>
<td></td>
<td></td>
<td>82450BG</td>
<td>82450BG</td>
<td>METAL BOX POWER SUPPLY 27.6V 5A</td>
</tr>
<tr>
<td><strong>DOOR RETAINERS</strong></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Series 13000 CSA Door Retainer</td>
<td>56</td>
<td>13050-CSA</td>
<td>13050</td>
<td>Door Retainer, 50Kg, Black</td>
</tr>
<tr>
<td></td>
<td></td>
<td>13050-SP</td>
<td>13050-SP</td>
<td>Door Retainer, 50Kg, Black with door status indication</td>
</tr>
<tr>
<td></td>
<td></td>
<td>13050-BS</td>
<td>13050-BS</td>
<td>Door Retainer, 50Kg, White with door status indication</td>
</tr>
<tr>
<td>Series 1330/1340 CSA Door Retainer</td>
<td>57</td>
<td>1335-CSA</td>
<td>1335</td>
<td>Door Retainer, 50Kg, Steel body, Black, Terminals</td>
</tr>
<tr>
<td></td>
<td></td>
<td>1345-CSA</td>
<td>1345</td>
<td>Door Retainer, 100Kg, Steel body, Black, Terminals</td>
</tr>
<tr>
<td>Series 1350/1360 WALL MOUNTING</td>
<td>58</td>
<td>FSM D/024/40/W/DIODE</td>
<td>1350</td>
<td>Wall Mounted Magnetic Door Release, 24Vdc, 40Kgf/390N (includes diode protection circuit)</td>
</tr>
<tr>
<td>Series 1369 FLOOR MOUNTING</td>
<td>59</td>
<td>FSM D/024/50/FL</td>
<td>1369</td>
<td>Floor Mounted Magnet 24Vdc, 50Kgf/490N Door Retainer, 50Kg, ABS</td>
</tr>
<tr>
<td>Series 1370 / 1380 UNIVERSAL MOUNTING</td>
<td>60</td>
<td>1370-15-D</td>
<td>1370-15-D</td>
<td>DOOR RELEASE WITH BRACKET 50KG 15CM Door Retainer, 50Kg, ABS</td>
</tr>
<tr>
<td></td>
<td></td>
<td>1370-30-D</td>
<td>1370-30-D</td>
<td>DOOR RELEASE WITH BRACKET 50KG 30CM Door Retainer, 50Kg, ABS</td>
</tr>
<tr>
<td></td>
<td></td>
<td>FSM D/024/100/UA/LONG</td>
<td>1380-30-D</td>
<td>Universal Arm mounted MDR, 24Vdc, 300mm, 100Kgf/980N</td>
</tr>
<tr>
<td>SPARE DOOR PLATE</td>
<td>61</td>
<td>Spare Door Plate</td>
<td>1351</td>
<td>Flexible keeper plate for door fitting</td>
</tr>
<tr>
<td>FLOOR BRACKET</td>
<td>61</td>
<td>Floor Mounting Bracket</td>
<td>62002</td>
<td>Floor mounting bracket for 1320-24 / 240</td>
</tr>
<tr>
<td></td>
<td></td>
<td>1343-CSA</td>
<td>1343-CSA</td>
<td>WHITE FIX KEEPER PLATE Ø 45MM 30° Angle keeper plate Ø45mm white 13100 110gr</td>
</tr>
<tr>
<td></td>
<td></td>
<td>1341-CSA</td>
<td>1341-CSA</td>
<td>WHITE FLEXIBLE KEEPER PLATE Ø 45MM 120° Angle keeper plate Ø45mm white 13100 130gr</td>
</tr>
<tr>
<td></td>
<td></td>
<td>1351-CSA</td>
<td>1351-CSA</td>
<td>BLACK FLEXIBLE KEEPER PLATE Ø 55MM 120° Angle keeper plate Ø55mm black All up to 50Kg / 480N 170gr</td>
</tr>
<tr>
<td></td>
<td></td>
<td>1361-CSA</td>
<td>1361-CSA</td>
<td>BLACK FLEXIBLE KEEPER PLATE Ø 80MM 120° Angle keeper plate Ø80mm black All 100Kg / 980N 210gr</td>
</tr>
<tr>
<td></td>
<td></td>
<td>1353-CSA</td>
<td>1353-CSA</td>
<td>BLACK FIX KEEPER PLATE Ø 55MM 30° Angle keeper plate Ø55mm black All up to 50Kg / 480N 150gr</td>
</tr>
<tr>
<td></td>
<td></td>
<td>1363-CSA</td>
<td>1363-CSA</td>
<td>BLACK FIX KEEPER PLATE Ø 60MM 30° Angle keeper plate Ø60mm black All 100Kg / 980N 190gr</td>
</tr>
<tr>
<td></td>
<td></td>
<td>135T15</td>
<td>135T15</td>
<td>FLOOR/WALL-MOUNTING BRACKET 150MM 150mm bracket for wall / floor mounting 13000, 13100 500gr</td>
</tr>
<tr>
<td></td>
<td></td>
<td>135T25</td>
<td>135T25</td>
<td>FLOOR/WALL-MOUNTING BRACKET 250MM 250mm bracket for wall / floor mounting 13000, 13100 850gr</td>
</tr>
</tbody>
</table>
# Part Numbers

## SIGN BOARDS

<table>
<thead>
<tr>
<th>Product name</th>
<th>Page</th>
<th>Product reference</th>
<th>Cat No</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>Series 5000 - Thermoplastic</td>
<td>64</td>
<td>0-5055-CSA</td>
<td></td>
<td>INDOOR LED SIGN BOARD</td>
</tr>
<tr>
<td>Series 5560 CSA Sign Board</td>
<td>65</td>
<td>0-5555-CSA</td>
<td></td>
<td>WATERPROOF LED SIGN BOARD</td>
</tr>
<tr>
<td>Series 5900 CSA Sign Board</td>
<td>66</td>
<td>5945-CSA</td>
<td></td>
<td>EN54-23 VISUAL ALARM DEVICE SIGN BOARD</td>
</tr>
<tr>
<td></td>
<td></td>
<td>5955-CSA</td>
<td></td>
<td>EN54-3 ACOUSTIC ALARM DEVICE SIGN BOARD</td>
</tr>
<tr>
<td></td>
<td></td>
<td>5965-CSA</td>
<td></td>
<td>EN54-23 EN54-3 VIS-ACOUSTIC ALARM DEVICE SIGN BOARD</td>
</tr>
<tr>
<td>Available writing for Sign Boards</td>
<td>67</td>
<td>CSA08594</td>
<td></td>
<td>FIRE ALARM</td>
</tr>
<tr>
<td></td>
<td></td>
<td>CSA08597</td>
<td></td>
<td>EVACUATE PREMISES</td>
</tr>
<tr>
<td></td>
<td></td>
<td>CSA08599</td>
<td></td>
<td>EXTINGUISHING IN PROGRESS</td>
</tr>
<tr>
<td></td>
<td></td>
<td>CSA08665</td>
<td></td>
<td>HAZARDOUS AREA</td>
</tr>
<tr>
<td></td>
<td></td>
<td>CSA08666</td>
<td></td>
<td>EXTINGUISHING IN PROCESS</td>
</tr>
<tr>
<td></td>
<td></td>
<td>CSA08667</td>
<td></td>
<td>ALARM</td>
</tr>
<tr>
<td></td>
<td></td>
<td>CSA08668</td>
<td></td>
<td>FIRE ALARM</td>
</tr>
<tr>
<td></td>
<td></td>
<td>CSA08669</td>
<td></td>
<td>DO NOT ENTER</td>
</tr>
<tr>
<td></td>
<td></td>
<td>CSA0866A</td>
<td></td>
<td>DOOR CLOSING</td>
</tr>
<tr>
<td></td>
<td></td>
<td>CSA0870</td>
<td></td>
<td>ALLARME</td>
</tr>
<tr>
<td></td>
<td></td>
<td>CSA0871</td>
<td></td>
<td>EVACUATION IMMEDIATE</td>
</tr>
<tr>
<td></td>
<td></td>
<td>CSA0872</td>
<td></td>
<td>ENTRÉE INTERDITE</td>
</tr>
<tr>
<td></td>
<td></td>
<td>CSA0873</td>
<td></td>
<td>ENTRITT VERBOTEN</td>
</tr>
<tr>
<td></td>
<td></td>
<td>CSA0874</td>
<td></td>
<td>FEURALARM</td>
</tr>
<tr>
<td></td>
<td></td>
<td>CSA0875</td>
<td></td>
<td>TIEFGARAGE SOFORT VERLANSEN</td>
</tr>
<tr>
<td></td>
<td></td>
<td>CSA0876</td>
<td></td>
<td>BETRETEN VERBOTEN GASALARM</td>
</tr>
<tr>
<td></td>
<td></td>
<td>CSA08667W</td>
<td></td>
<td>ALARM</td>
</tr>
<tr>
<td></td>
<td></td>
<td>CSA08868W</td>
<td></td>
<td>FIRE ALARM</td>
</tr>
<tr>
<td></td>
<td></td>
<td>CSA08891W</td>
<td></td>
<td>PLEASE EVACUATE</td>
</tr>
<tr>
<td></td>
<td></td>
<td>CSA08871W</td>
<td></td>
<td>EVACUATION IMMEDIATE</td>
</tr>
<tr>
<td></td>
<td></td>
<td>CSA08872W</td>
<td></td>
<td>ENTRÉE INTERDITE</td>
</tr>
<tr>
<td>Product name</td>
<td>Page</td>
<td>Product reference</td>
<td>Cat No</td>
<td>Description</td>
</tr>
<tr>
<td>------------------------------</td>
<td>------</td>
<td>-------------------</td>
<td>--------</td>
<td>--------------------------------------------------</td>
</tr>
<tr>
<td>MB MOTORISED BELL</td>
<td>70</td>
<td>MB-GB-24-R</td>
<td>CN103941</td>
<td>MB Motor Bell, Red 6in</td>
</tr>
<tr>
<td></td>
<td></td>
<td>MB-GB-24-S</td>
<td>CN104222</td>
<td>MB Motor Bell, Grey 6in</td>
</tr>
<tr>
<td>EXCELER HORNS</td>
<td>71</td>
<td>HNR</td>
<td>CN126282</td>
<td>Horn, Red, Wall Mount, 3 Tones, 12/24V</td>
</tr>
<tr>
<td></td>
<td></td>
<td>HNW</td>
<td>CN126258</td>
<td>Horn, White, Wall Mount, 3 Tones, 12/24V</td>
</tr>
<tr>
<td></td>
<td></td>
<td>HNRC</td>
<td>CN128967</td>
<td>Horn, Red, Ceiling Mount, 3 Tones, 12/24V</td>
</tr>
<tr>
<td></td>
<td></td>
<td>HNWRC</td>
<td>CN128972</td>
<td>Horn, White, Ceiling Mount, 3 Tones, 12/24V</td>
</tr>
<tr>
<td>EXCELER STROBES</td>
<td>72</td>
<td>STR</td>
<td>CN127280</td>
<td>Strobe, Red, Wall Mount, 8 Candlelab settings, 12/24V</td>
</tr>
<tr>
<td></td>
<td></td>
<td>STW</td>
<td>CN127285</td>
<td>Strobe, White, Wall Mount, 8 Candlelab settings, 12/24V</td>
</tr>
<tr>
<td></td>
<td></td>
<td>STRC</td>
<td>CN127277</td>
<td>Strobe, Red, Ceiling Mount, 8 Candlelab settings, 12/24V</td>
</tr>
<tr>
<td></td>
<td></td>
<td>STWC</td>
<td>CN127488</td>
<td>Strobe, White, Ceiling Mount, 8 Candlelab settings, 12/24V</td>
</tr>
<tr>
<td>EXCELER LED STROBES</td>
<td>73</td>
<td>SEE WEBSITE FOR MORE INFORMATION</td>
<td></td>
<td>Exceder LED Strobes</td>
</tr>
<tr>
<td>EXCELER LED HORN/STROBES</td>
<td>74</td>
<td>SEE WEBSITE FOR MORE INFORMATION</td>
<td></td>
<td>Exceder LED Horn / Strobes</td>
</tr>
<tr>
<td>EXCELER HORN/STROBES</td>
<td>75</td>
<td>HSR</td>
<td>CN127249</td>
<td>Horn/strobe, Red, Wall mount, 3 Tones, 8 candlelab settings, 12/24V</td>
</tr>
<tr>
<td></td>
<td></td>
<td>HSW</td>
<td>CN127252</td>
<td>Horn/strobe, White, Wall mount, 3 Tones, 8 candlelab settings, 12/24V</td>
</tr>
<tr>
<td></td>
<td></td>
<td>HSRC</td>
<td>CN127459</td>
<td>Horn/strobe, Red, Ceiling Mount, 8 Candlelab settings, 12/24V</td>
</tr>
<tr>
<td></td>
<td></td>
<td>HSWC</td>
<td>CN127465</td>
<td>Horn/strobe, White, Ceiling Mount, 3 Tones, 8 candlelab settings, 12/24V</td>
</tr>
<tr>
<td>DSM SYNC MODULE</td>
<td>76</td>
<td>DSM-12/24-R</td>
<td>CN126374</td>
<td>DSM Sync Module</td>
</tr>
<tr>
<td>FULL STATION</td>
<td>77</td>
<td>MPS-100</td>
<td>CN108400</td>
<td>Manual Pull Station</td>
</tr>
<tr>
<td></td>
<td></td>
<td>MPS-400X</td>
<td>CN108403</td>
<td>Hazardous Area Manual Pull Station</td>
</tr>
<tr>
<td></td>
<td></td>
<td>MPS-RDS</td>
<td>CN108406</td>
<td>MPS Scared Acrylic Reods for MPS-100</td>
</tr>
<tr>
<td></td>
<td></td>
<td>MPS-WP</td>
<td>CN108405</td>
<td>Back Box for MPS-100</td>
</tr>
<tr>
<td></td>
<td></td>
<td>MPS-IIS</td>
<td>CN108404</td>
<td>Back Box for MPS-100 (Indoor)</td>
</tr>
<tr>
<td>MARINE</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>RoLP Marine</td>
<td>6</td>
<td>ROLP/SV/R/D MARINE</td>
<td>540503MED-0841X</td>
<td>RoLP, Red Deep Base, Marine</td>
</tr>
<tr>
<td>FLASHNI</td>
<td>31</td>
<td>FL/CL/R/S MARINE</td>
<td>64005MED-0312X</td>
<td>Flashni Sounder/Beacon, Clear Lens, Red Shallow Base. Marine</td>
</tr>
<tr>
<td></td>
<td></td>
<td>FL/RL/R/S MARINE</td>
<td>64001MED-0314X</td>
<td>Flashni Sounder/Beacon, Red Lens, Shallow Base. Marine</td>
</tr>
<tr>
<td>ASKARI COMPACT</td>
<td>9</td>
<td>AC/SV/R/S/BB MARINE</td>
<td>550068MED-0306X</td>
<td>Askari Compact Sounder, Red, Surface(BB), Tone Select Switch, Volume Control. Marine</td>
</tr>
<tr>
<td>SDELEX</td>
<td>21</td>
<td>SO/R/DR/10C MARINE</td>
<td>531024MED-1081</td>
<td>Soplex Beacon, Red Lens, Red Deep Base, 10Gd. Marine</td>
</tr>
<tr>
<td>CF BELL 6&quot;</td>
<td>42</td>
<td>CF66024 MARINE</td>
<td>521601MED-9816X</td>
<td>6 Inch Motorised Bell 24Vdc, Red. Marine</td>
</tr>
<tr>
<td>FB BELL</td>
<td>43</td>
<td>FB24/RED MARINE</td>
<td>502001MED-8015X</td>
<td>Electronic Solenoid Bell 24 Volts DC, Red. Marine</td>
</tr>
<tr>
<td></td>
<td></td>
<td>FB24/RED/WP MARINE</td>
<td>506001MED-8016X</td>
<td>Weatherproof Electronic Solenoid Bell 24 Volts DC Red. Marine</td>
</tr>
<tr>
<td>Product name</td>
<td>Page</td>
<td>Product reference</td>
<td>Cat No</td>
<td>Description</td>
</tr>
<tr>
<td>------------------------------</td>
<td>------</td>
<td>-------------------</td>
<td>-----------------</td>
<td>-----------------------------------------------------------------------------</td>
</tr>
<tr>
<td>MARINE (cont.)</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>CXL</td>
<td>36</td>
<td>CXL/G/P/R/B/680R</td>
<td>4920018MED-0476X</td>
<td>Conventional 470R/680R with LED and back box. Includes both glass and plastic resettable elements. Marine</td>
</tr>
<tr>
<td>CXL</td>
<td></td>
<td>CXL/G/P/R/B/680R+WP/680R/WP</td>
<td>4990047MED-0477X</td>
<td>Conventional IP66 470R/680R with LED and back box. Includes both glass and plastic resettable elements. Marine</td>
</tr>
<tr>
<td>CXM</td>
<td>37</td>
<td>CXM/470R/680R</td>
<td>499003MED-0478X</td>
<td>For older systems - Conventional Red, Change over contacts up to 230Vac. Weatherproof back box included (Glass element provided)</td>
</tr>
<tr>
<td>ASSERTA SONDER</td>
<td>14</td>
<td>A5/S/24/R/110 MARINE</td>
<td>701114MED-0223X</td>
<td>ASSERTA Sounder, 24v, Red Body, 110dB. Marine</td>
</tr>
<tr>
<td>ASSERTA MIDI SONDER</td>
<td>15</td>
<td>A5/M/S/9-60V/R MARINE</td>
<td>704413MED-0220X</td>
<td>ASSERTA Midi Sounder, 9-60Vdc, Red Body, Marine</td>
</tr>
<tr>
<td>ASSERTA MIDI SONDER BEACON</td>
<td>31</td>
<td>A5/M/S/9-60V/R/AL MARINE</td>
<td>705211MED-0234X</td>
<td>ASSERTA Midi Sounder-Beacon, 9-60Vdc, Amber Lens, Red Body, Marine</td>
</tr>
<tr>
<td>XPRESS</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>SOLISTA LX WALL Shallow Base</td>
<td>18</td>
<td>SOL-LX-W/R/R/S</td>
<td>812013FULL-0114X</td>
<td>SOLISTA LX Wall Red body, Red flash, shallow base</td>
</tr>
<tr>
<td>SOLISTA LX WALL Deep Base</td>
<td>18</td>
<td>SOL-LX-W/R/R/D</td>
<td>812013FULL-0107X</td>
<td>SOLISTA LX Wall, Red body, Red flash, deep base</td>
</tr>
<tr>
<td>SOLISTA LX CEILING Shallow Base</td>
<td>19</td>
<td>SOL-LX-C/R/W/1/S</td>
<td>812022FULL-0123X</td>
<td>SOLISTA LX Ceiling, White Base, Red flash, shallow base</td>
</tr>
<tr>
<td>ROLP LX WALL</td>
<td>24</td>
<td>ROLP/R/LX-W/R/RF</td>
<td>850012FULL-0020X</td>
<td>ROLP LX Wall, Red body, Red Flash</td>
</tr>
<tr>
<td>ROLP Red Shallow Base</td>
<td>6</td>
<td>ROLP/SV/R/RF</td>
<td>540501FULL-0360X</td>
<td>ROLP, Red body, shallow base</td>
</tr>
<tr>
<td>ROLP Red Deep Base</td>
<td>6</td>
<td>ROLP/SV/R/D</td>
<td>540503FULL-0403X</td>
<td>ROLP, red body, Deep base</td>
</tr>
<tr>
<td>ROLP White Shallow Base</td>
<td>6</td>
<td>ROLP/SV/R/D</td>
<td>540502FULL-0406X</td>
<td>ROLP, white body, shallow base</td>
</tr>
<tr>
<td>ASKARI COMPACT Red</td>
<td>9</td>
<td>AC/SV/R/S/B/B</td>
<td>550018FULL-0142X</td>
<td>ASKARI Compact, Red</td>
</tr>
<tr>
<td>ASKARI COMPACT White</td>
<td>9</td>
<td>AC/SV/R/S/B/B</td>
<td>550018FULL-0142X</td>
<td>ASKARI Compact White</td>
</tr>
<tr>
<td>SYMPHONI Red</td>
<td>10</td>
<td>SY/R</td>
<td>650001FULL-0003X</td>
<td>SYMPHONI Sounder, Red</td>
</tr>
<tr>
<td>SQUASHINI 63</td>
<td>13</td>
<td>SQG/SQW/1/S</td>
<td>660018FULL-0093X</td>
<td>SQUASHINI 63 Base Sounder, White</td>
</tr>
<tr>
<td>CXL CALL POINT (Indoor)</td>
<td>36</td>
<td>CXL/G/470R+680R+LED/BB</td>
<td>4920018FULL-0018X</td>
<td>CXL Call Point Indoor, Red</td>
</tr>
<tr>
<td>CXL CALL POINT (Outdoor)</td>
<td>36</td>
<td>CXL/G/P/R/470R+680R+LED/WE</td>
<td>4990047FULL-0420X</td>
<td>CXL Call Point, Outdoor, Red</td>
</tr>
<tr>
<td>CF BELL</td>
<td>42</td>
<td>CF60024F/R</td>
<td>521601FULL-1401X</td>
<td>CF Bell 6&quot; Red</td>
</tr>
<tr>
<td>FB BELL</td>
<td>43</td>
<td>20/24/R</td>
<td>502001FULL-2001X</td>
<td>FB Bell 6&quot; Red</td>
</tr>
<tr>
<td>CALL POINT SPARE GLASS</td>
<td></td>
<td></td>
<td></td>
<td>Call Point Glass for CX range 10 pack</td>
</tr>
<tr>
<td>CALL POINT SPARE KEY</td>
<td></td>
<td></td>
<td></td>
<td>Call Point Keys</td>
</tr>
<tr>
<td>LED REMOTE INDICATOR</td>
<td>46</td>
<td>REM/LED/INDICATOR</td>
<td>600111FULL-0003X</td>
<td>Led Remote indicator, Red Lens</td>
</tr>
<tr>
<td>1st Tone</td>
<td>2nd Tone</td>
<td>Type</td>
<td>Frequencies</td>
<td>Temporal Pattern</td>
</tr>
<tr>
<td>---------</td>
<td>---------</td>
<td>---------------</td>
<td>-------------------</td>
<td>------------------</td>
</tr>
<tr>
<td>1</td>
<td>14</td>
<td>Alternating</td>
<td>800 &amp; 970</td>
<td>2Hz (250ms-250ms)</td>
</tr>
<tr>
<td>2</td>
<td>14</td>
<td>Sweep</td>
<td>800 to 970</td>
<td>7Hz (7/s)</td>
</tr>
<tr>
<td>3</td>
<td>14</td>
<td>Sweep</td>
<td>800 to 970</td>
<td>1Hz (1/s)</td>
</tr>
<tr>
<td>4</td>
<td>14</td>
<td>Continuous</td>
<td>2850</td>
<td>Steady</td>
</tr>
<tr>
<td>5</td>
<td>4</td>
<td>Sweep</td>
<td>2400 to 2850</td>
<td>7Hz</td>
</tr>
<tr>
<td>6</td>
<td>4</td>
<td>Sweep</td>
<td>2400 to 2850</td>
<td>1Hz</td>
</tr>
<tr>
<td>7</td>
<td>14</td>
<td>Slow whoop</td>
<td>500 to 1200</td>
<td>3.5s sweep, 0.5 s silence, then repeat</td>
</tr>
<tr>
<td>8</td>
<td>14</td>
<td>Sweep</td>
<td>1200 to 500</td>
<td>1Hz</td>
</tr>
<tr>
<td>9</td>
<td>4</td>
<td>Alternating</td>
<td>2400 &amp; 2850</td>
<td>2Hz (250ms-250ms)</td>
</tr>
<tr>
<td>10</td>
<td>14</td>
<td>Intermittent</td>
<td>970</td>
<td>0.5Hz (1s On/1s Off)</td>
</tr>
<tr>
<td>11</td>
<td>14</td>
<td>Alternating</td>
<td>800 &amp; 970</td>
<td>1Hz (500ms-500ms)</td>
</tr>
<tr>
<td>12</td>
<td>4</td>
<td>Intermittent</td>
<td>2850</td>
<td>0.5Hz (1s On/1s Off)</td>
</tr>
<tr>
<td>13</td>
<td>14</td>
<td>Intermittent</td>
<td>970</td>
<td>0.8Hz (250ms On/1s Off)</td>
</tr>
<tr>
<td>14</td>
<td>14</td>
<td>Continuous</td>
<td>970</td>
<td>Steady</td>
</tr>
<tr>
<td>15</td>
<td>14</td>
<td>Alternating</td>
<td>554 &amp; 440</td>
<td>100ms-400ms</td>
</tr>
<tr>
<td>16</td>
<td>16</td>
<td>Intermittent</td>
<td>660</td>
<td>3.3Hz (150ms On/150ms Off)</td>
</tr>
<tr>
<td>17</td>
<td>17</td>
<td>Intermittent</td>
<td>660</td>
<td>0.28Hz (1.8s On/1.8s Off)</td>
</tr>
<tr>
<td>18</td>
<td>18</td>
<td>Intermittent</td>
<td>660</td>
<td>0.05Hz (13s Off/6.5Hz On)</td>
</tr>
<tr>
<td>19</td>
<td>19</td>
<td>Continuous</td>
<td>660</td>
<td>Steady</td>
</tr>
<tr>
<td>20</td>
<td>20</td>
<td>Alternating</td>
<td>554 &amp; 440</td>
<td>0.5Hz (1s On/1s Off)</td>
</tr>
<tr>
<td>21</td>
<td>21</td>
<td>Intermittent</td>
<td>660</td>
<td>1Hz (500ms-500ms)</td>
</tr>
<tr>
<td>22</td>
<td>14</td>
<td>Intermittent</td>
<td>2850</td>
<td>4Hz (150ms On/100ms Off)</td>
</tr>
<tr>
<td>23</td>
<td>14</td>
<td>Sweep</td>
<td>800 to 970</td>
<td>50Hz BS</td>
</tr>
<tr>
<td>24</td>
<td>4</td>
<td>Sweep</td>
<td>2400 to 2850</td>
<td>50Hz</td>
</tr>
<tr>
<td>25</td>
<td>25</td>
<td>Intermittent</td>
<td>970</td>
<td>3 x 500ms pulses followed by 1.5s silence then repeat</td>
</tr>
<tr>
<td>26</td>
<td>26</td>
<td>Intermittent</td>
<td>800 to 970</td>
<td>3 x 500ms pulsed sweep followed by 1.5s silence then repeat</td>
</tr>
<tr>
<td>27</td>
<td>27</td>
<td>Intermittent</td>
<td>970 &amp; 801</td>
<td>3 x 500ms pulsed two tone followed by 1.5s silence then repeat</td>
</tr>
<tr>
<td>28</td>
<td>10</td>
<td>Alternating</td>
<td>800 &amp; 970</td>
<td>2Hz (250ms-250ms)</td>
</tr>
<tr>
<td>29</td>
<td>33</td>
<td>Alternating</td>
<td>990 &amp; 650</td>
<td>2Hz (250ms-250ms) (Symphonic tones)</td>
</tr>
<tr>
<td>30</td>
<td>35</td>
<td>Alternating</td>
<td>510 &amp; 610</td>
<td>2Hz (250ms-250ms) (Squashni Micro tones)</td>
</tr>
<tr>
<td>31</td>
<td>14</td>
<td>Sweep</td>
<td>300 to 1200</td>
<td>1Hz</td>
</tr>
<tr>
<td>32</td>
<td>35</td>
<td>Alternating</td>
<td>510 &amp; 610</td>
<td>1Hz (500ms-500ms)</td>
</tr>
<tr>
<td>33</td>
<td>33</td>
<td>Continuous</td>
<td>990</td>
<td>Steady</td>
</tr>
<tr>
<td>34</td>
<td>35</td>
<td>Continuous</td>
<td>510</td>
<td>Steady</td>
</tr>
<tr>
<td>35</td>
<td>36</td>
<td>Continuous</td>
<td>510</td>
<td>1Hz (500ms On/500ms Off)</td>
</tr>
<tr>
<td>36</td>
<td>37</td>
<td>Continuous</td>
<td>850</td>
<td>Steady</td>
</tr>
<tr>
<td>37</td>
<td>38</td>
<td>Continuous</td>
<td>2850</td>
<td>Steady</td>
</tr>
</tbody>
</table>

(1) Product dependant

(1) Product dependant