Industrial Audible Signal - 100 dB (A)
Series YA30

> Max sound output
  100 db (A) / 1 m
> IP65 rated as standard
> 32 selectable tones meeting international regulations
> Flame retardant ABS enclosure
> Stainless steel fixings
> 2 stage alarm
> Sound selection via 5 way DIL switch
> Complies with BS 5839
> Low current consumption
> Robust, reliable and simple to install

Yodalarm range
Compact, robust multi-purpose audible signalling device designed for use in industrial applications.

<table>
<thead>
<tr>
<th>Approvals</th>
<th>Certificates</th>
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<tbody>
<tr>
<td>UL 464</td>
<td>C22.2 No. 205-M1983</td>
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<tr>
<td>VdS 2504 (12/96), VdS 2203 (03/01), VdS 2344 (12/05), Cert No. G28702</td>
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<tr>
<td>DIN EN 54, part 3 (10/01)</td>
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WebCode YA30A
Selection Table

<table>
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<tr>
<th>Version</th>
<th>Enclosure colour</th>
<th>Rated operational voltage</th>
<th>Order number</th>
<th>Art. no.</th>
<th>Weight kg</th>
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<td>YA30 Sounder, BS EN 54-3, standard devices</td>
<td>red flame (RF)</td>
<td>24 V DC</td>
<td>YA30/D/RF/W</td>
<td>204276</td>
<td>0.320</td>
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<td>115 V AC</td>
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<td>230 V AC</td>
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</table>

Note: Other voltages and variants are available. Please contact your local sales office for more details.

Technical Data

Electrical data

- **Rated operational voltage**: standard: 12, 24 or 48 V DC; 115 or 230 V AC ±10 %; 12 V DC versions will produce approx. 6 dB less output. Additional voltage options: combined 24 V DC and 48 V DC.
- **Current consumption**: 24 V DC - 32 mA*; 115 V AC - 25 mA*; 230 V AC - 12 mA*. *(at tone 1)
- **Line monitoring**: excludes additional voltage options:
  - 3 wire, 2 stage or 2 wire, single stage: monitor via reverse polarity.
  - 2 wire, 2 stage i.e. bi-polar inputs: monitor via threshold (applied voltage < 1 V).

Schematic

- **ZV1 (volume control)**
- **Control panel**
- **TB3**
- **SW1**
- **SW2**
- **TB2**

Acoustic data

- **Volume**: 100 db (A) / 1 m
- **Sound selection**: volume control allowing 18 db (A) adjustment via DIL switch. Optional independent 2nd stage via second DIL switch (DC only).

Ambient conditions

- **Operating temperature range**: -25 ... +55 °C
- **Storage temperature**: -40 ... +70 °C
- **Max. relative humidity**: 90 % at 40 °C

Mechanical data

- **Material**: ABS, flame retardant
- **Assembly parts**: stainless steel fixings
- **Degree of protection**: IP 65 standard on all units

Legend:

1 = External power supply, provided by user
2 = Volume control
21 = SW2 is optional for independent 2nd stage. TB2 is optional for 2nd set of terminal blocks.

DC Input

AC Input

1 = Control panel
2 = RB1 (volume control)
0 V
+VE
Assembly / Installation

*Assembly*

Should be mounted to a reasonably flat wall or bulkhead of suitable material using the lugs projecting from the side of the case. The lugs are bored 6 mm on 102 mm centres. The minimum recommended length of fixing screws is 25 mm. To maintain the integrity of the weather seal, the cable entry must be fitted using a suitable sealed gland.

**Dimensional Drawings** (All Dimensions in mm / inches) - Subject to Alterations

We reserve the right to make alterations to the technical data, dimensions, weights, designs and products available without notice. The illustrations cannot be considered binding.