

## Midi / LED/Flash/EVS/Multi-t. sounder 431 LED Siren BM 32 tne 24VAC/DC RD



Part No.: 431.100.75



### MECHANICAL DATA

|                              |                             |
|------------------------------|-----------------------------|
| Height                       | 171 mm                      |
| Diameter                     | 146 mm                      |
| Materials                    | PC<br>PC/ABS                |
| Dome colour                  | Red                         |
| Housing colour               | Black                       |
| Protection category          | IP65                        |
| Connection                   | Screw terminals             |
| cross-sectional area maximum | 1,50mm <sup>2</sup> / 16AWG |
| Cable entry                  | Membrane grommet            |
| Cable entry minimum          | d = 1 mm                    |
| Cable entry maximum          | d = 13 mm                   |
| Tension relief               | Present (conforms to VDE)   |
| Type of fixing               | Base mounting               |
| Working temperature minimum  | -30°C                       |
| Working temperature maximum  | +50°C                       |
| Weight with packaging        | 610 g                       |
| Product weight               | 470 g                       |

### ELECTRICAL DATA

|                             |                    |
|-----------------------------|--------------------|
| Operating voltage           | 24V                |
| Operating voltage type      | AC/DC              |
| Operating voltage frequency | 50Hz               |
| Operating voltage tolerance | +/- 10%            |
| Rated operational voltage   | 24 VDC             |
| Rated operational current   | 410 mA             |
| Rated inrush current        | 650 mA             |
| Protection class            | Protection class 2 |
| Pollution degree            | 3                  |

### OPTICAL DATA

|                      |                           |
|----------------------|---------------------------|
| Light source         | LED                       |
| Light colour         | Red                       |
| Optical signal image | EVS<br>Flash<br>Permanent |
| Service life optical | 50,000 h maximum          |

### ACOUSTIC DATA

|                             |              |
|-----------------------------|--------------|
| Volume (max) at 1m distance | 108,0 dB (A) |
|-----------------------------|--------------|



For additional installation and mounting information, refer to the appropriate user guide at [www.werma.com](http://www.werma.com). This printed copy is for information only and is subject to alteration.

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|                       |                 |
|-----------------------|-----------------|
| Acoustic signal image | Multi-tone      |
| Number of tones       | 32 tone         |
| Acoustic service life | 5,000 h minimum |

### APPROVAL DATA

|                               |                       |
|-------------------------------|-----------------------|
| Conforms with CE              | Yes                   |
| Conforms with RoHS directive  | Yes                   |
| WEEE                          | Yes                   |
| Conforms with ATEX-directive  | No                    |
| Conforms with CCC             | No                    |
| Conforms with UL              | cULus                 |
| UL Type Rating                | Type 12               |
| Conforms with FCC             | No                    |
| Conforms with IC              | No                    |
| EAC certificate available     | Yes                   |
| Conforms with UKCA (Importer) | Yes (WERMA (UK) Ltd.) |
| Conforms with CMIM            | No                    |
| Conforms with AS-I            | No                    |
| ICAO Certification            | No                    |
| Conforms with DNV             | No                    |
| Conforms with RoHS CN         | No                    |
| Conforms with VdS             | No                    |

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**DRAWING**



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