



## AUER - BUZZER, SIREN AND COMBI-SIGNAL KLH (KDH)

710100013

Mini horn, 220 V dc, KLH

- Membrane buzzer
- 92 dB



### PRODUCT DESCRIPTION

Small, low cost membrane buzzer for indoor use.

### SPECIFICATIONS

|                        |                     |
|------------------------|---------------------|
| Color House            | Grey RAL 7035       |
| IP Class               | IP43, NEMA Type 2   |
| Mounting               | Vertically          |
| Nominal current max    | 0.011 A             |
| Nominal current min    | 0.011 A             |
| Number of tones        | 1                   |
| Sound level max        | 92 dB               |
| Sound level min        | 92 dB               |
| Supply Voltage         | 220 V               |
| Supply Voltage DC Max  | 242 V DC            |
| Supply Voltage DC Min  | 198 V DC            |
| Temperature range from | -25 °C              |
| Temperature range to   | 50 °C               |
| Terminal connection    | 2.5 mm <sup>2</sup> |

Tone frequency max

50 Hz

Tone frequency min

50 Hz

Weight

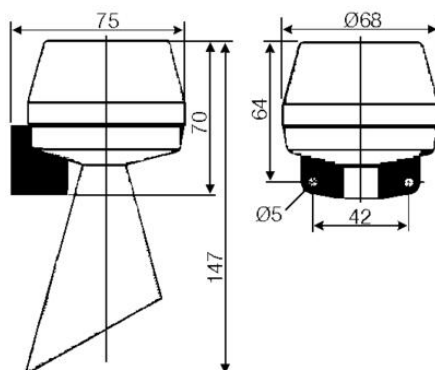
180 g

The sound pressure decreases by 6 dB when doubling the distance; the following distance table is to be seen as indication, as also factors like tone type, wind speed, wind direction, humidity, weather conditions etc. do influence the sound pressure level.

| Distance (m) | Sound pressure dB (A) |    |    |    |    |    |    |    |    |    |    |     |     |     |     |     |     |     |     |     |     |     |  |
|--------------|-----------------------|----|----|----|----|----|----|----|----|----|----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|--|
| 1            | 65                    | 70 | 75 | 80 | 85 | 90 | 92 | 94 | 95 | 96 | 98 | 100 | 102 | 104 | 106 | 108 | 110 | 112 | 114 | 116 | 118 | 120 |  |
| 2            | 59                    | 64 | 69 | 74 | 79 | 84 | 86 | 88 | 90 | 92 | 94 | 96  | 98  | 100 | 102 | 104 | 106 | 108 | 110 | 112 | 114 |     |  |
| 3            | 55                    | 60 | 65 | 70 | 75 | 80 | 82 | 84 | 86 | 88 | 90 | 92  | 94  | 96  | 98  | 100 | 102 | 104 | 106 | 108 | 110 |     |  |
| 5            | 51                    | 56 | 61 | 66 | 71 | 76 | 78 | 80 | 82 | 84 | 86 | 88  | 90  | 92  | 94  | 96  | 98  | 100 | 102 | 104 | 106 |     |  |
| 10           | 45                    | 50 | 55 | 60 | 65 | 70 | 72 | 74 | 76 | 78 | 80 | 82  | 84  | 86  | 88  | 90  | 92  | 94  | 96  | 98  | 100 |     |  |
| 20           | 39                    | 44 | 49 | 54 | 59 | 64 | 66 | 68 | 70 | 72 | 74 | 76  | 78  | 80  | 82  | 84  | 86  | 88  | 90  | 92  | 94  |     |  |
| 30           | 35                    | 40 | 45 | 50 | 55 | 60 | 62 | 64 | 66 | 68 | 70 | 72  | 74  | 76  | 78  | 80  | 82  | 84  | 86  | 88  | 90  |     |  |
| 50           |                       | 36 | 41 | 46 | 51 | 56 | 58 | 60 | 62 | 64 | 66 | 68  | 70  | 72  | 74  | 76  | 78  | 80  | 82  | 84  | 86  |     |  |
| 100          |                       |    | 40 | 45 | 50 | 52 | 54 | 56 | 58 | 60 | 62 | 64  | 66  | 68  | 70  | 72  | 74  | 76  | 78  | 80  |     |     |  |
| 200          |                       |    |    | 39 | 44 | 46 | 48 | 50 | 52 | 54 | 56 | 58  | 60  | 62  | 64  | 66  | 68  | 70  | 72  | 74  |     |     |  |
| 500          |                       |    |    |    | 38 | 40 | 42 | 44 | 46 | 48 | 50 | 52  | 54  | 56  | 58  | 60  | 62  | 64  | 66  |     |     |     |  |

The sound pressure decreases by 3 dB when doubling the distance.

The sound pressure decreases by 6 dB when doubling the distance



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| Distance (m) | Sound pressure dB (A) |    |    |    |    |    |    |    |    |    |    |     |     |     |     |     |     |     |     |     |     |     |  |
|--------------|-----------------------|----|----|----|----|----|----|----|----|----|----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|--|
| 1            | 65                    | 70 | 75 | 80 | 85 | 90 | 92 | 94 | 95 | 96 | 98 | 100 | 102 | 104 | 106 | 108 | 110 | 112 | 114 | 116 | 118 | 120 |  |
| 2            | 59                    | 64 | 69 | 74 | 79 | 84 | 86 | 88 | 90 | 92 | 94 | 96  | 98  | 100 | 102 | 104 | 106 | 108 | 110 | 112 | 114 |     |  |
| 3            | 55                    | 60 | 65 | 70 | 75 | 80 | 82 | 84 | 86 | 88 | 90 | 92  | 94  | 96  | 98  | 100 | 102 | 104 | 106 | 108 | 110 |     |  |
| 5            | 51                    | 56 | 61 | 66 | 71 | 76 | 78 | 80 | 82 | 84 | 86 | 88  | 90  | 92  | 94  | 96  | 98  | 100 | 102 | 104 | 106 |     |  |
| 10           | 45                    | 50 | 55 | 60 | 65 | 70 | 72 | 74 | 76 | 78 | 80 | 82  | 84  | 86  | 88  | 90  | 92  | 94  | 96  | 98  | 100 |     |  |
| 20           | 39                    | 44 | 49 | 54 | 59 | 64 | 66 | 68 | 70 | 72 | 74 | 76  | 78  | 80  | 82  | 84  | 86  | 88  | 90  | 92  | 94  |     |  |
| 30           | 35                    | 40 | 45 | 50 | 55 | 60 | 62 | 64 | 66 | 68 | 70 | 72  | 74  | 76  | 78  | 80  | 82  | 84  | 86  | 88  | 90  |     |  |
| 50           |                       | 36 | 41 | 46 | 51 | 56 | 58 | 60 | 62 | 64 | 66 | 68  | 70  | 72  | 74  | 76  | 78  | 80  | 82  | 84  | 86  |     |  |
| 100          |                       |    | 40 | 45 | 50 | 52 | 54 | 56 | 58 | 60 | 62 | 64  | 66  | 68  | 70  | 72  | 74  | 76  | 78  | 80  |     |     |  |
| 200          |                       |    |    | 39 | 44 | 46 | 48 | 50 | 52 | 54 | 56 | 58  | 60  | 62  | 64  | 66  | 68  | 70  | 72  | 74  |     |     |  |
| 500          |                       |    |    |    | 38 | 40 | 42 | 44 | 46 | 48 | 50 | 52  | 54  | 56  | 58  | 60  | 62  | 64  | 66  |     |     |     |  |

The sound pressure decreases by 3 dB when doubling the distance.

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