

DL-E 06-165/T-EN54

Ceiling speaker for Voice Alarm, power 6W, certified EN 54-24



Technical Data

Colour	RAL 9016
Dimensions	199x72 mm (plastic) 199x96 mm (metal)
Ceiling Cut-out	166 mm
Dispersion -6dB, 500Hz	plastic/metal 180°
Dispersion -6dB, 1KHz	plastic/metal 180°
Dispersion -6dB, 2KHz	plastic/metal 130°
Dispersion -6dB, 4KHz	plastic/metal 60°
Sensitivity EN54-24, 1W/1m	91,2 dB
Sensitivity EN54-24, 1W/4m	79,2 dB (plastic) 78 dB (metal)
Frequency Range	300 - 19.300 Hz
Frequency Response	70 - 23.500 Hz
SPL IEC268-5, 1W/1m	91,0 dB (plastic) 90,0 dB (metal)
SPL EN54-24, Pmax/4m	85,0 dB
Power	6/3/1,5 W



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Mounting Instruction

1. Create the necessary ceiling cut-out and check the installation depth.
2. Loosen the nut in the middle of the rear touch guard.
3. Remove the touch guard of the speaker.
4. Connect the loudspeaker cable to the terminals 100V and COM.
If necessary, select a different power tapping.
5. Put the touch guard back on the loudspeaker and secure it with the nut.
6. Fold up the clamping spring and insert the loudspeaker into the ceiling cut-out.
7. Press the speaker into the ceiling until it is flush with the ceiling cut-out.

Mounting instruction **with fire dome FE 165-EN54**:

1. Loosen the nuts and remove the fire dome.
2. Guide the incoming cable through the cable gland of the fire dome.
3. Connect the incoming line to the terminal of the loudspeaker.
4. Replace the fire dome back on the speaker and fasten it with the nut.
5. Fold up the clamping spring and insert the loudspeaker into the ceiling cut-out.
6. Press the speaker into the ceiling until it is flush with the ceiling cut-out.

Power Tappings

Black	Red	White	Green
COM	6	3	1,5



CE-Symbol according to 93/68EWG
Measurements according to DIN IEC 268-5
RoHS compliant (2011/65/EU)
CPR compliance according 305/2011/EU

Loudspeaker for voice alarm systems for fire
detection and fire alarm systems for buildings
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