

Section

Public Address

Category

EN 54-24 Loudspeakers

Code

C36/6-2EN

References

Safety: Compliant to EN 60065
 Emergency: EN 54-24, EN 60849
 Application: Indoor environments (Type A)
 Protection Degree: IP32



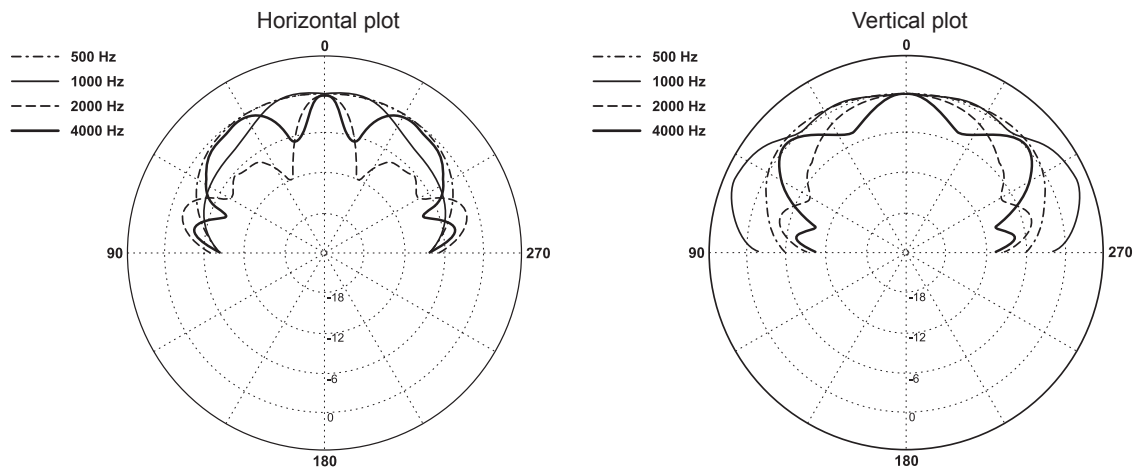
Certificate no.

0068-CPR-039/2016

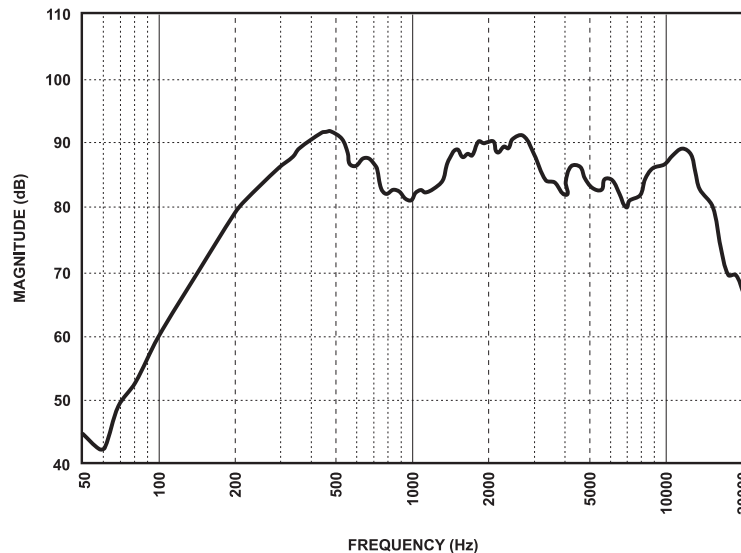
Description

Oval-shaped speaker units for voice alarm systems


These speaker units have been developed specifically for use in emergency and evacuation systems (VES) and each has its own ceramic terminal strip and thermal fuse. These ensure the protection of the line connecting the loudspeakers if a fire puts one or more of the speaker units connected to it out of use. The **C36/6-2EN** speaker unit has a loudspeaker with a transformer for constant-voltage lines (50, 70 and 100V). The output power is adjustable (6, 3 or 1,5 W).



Simulated free-field measurements.



Technical data

C36/6-2EN	
 0068 PASO S.p.A Via Settembrini, 34 - 20020 Lainate (MI) 16 0068-CPR-039/2016 EN 54-24 Loudspeaker for voice alarm systems for fire detection and fire alarm systems for buildings C36/6-2EN Type A	
Rated output	6 W (3+3 W) / 100 V
Nominal impedance (100 V line)	1667 Ω (6W) 3333 Ω (3W) 6667 Ω (1.5W)
Nominal impedance (70 V line)	817 Ω (6W) 1633 Ω (3W) 3267 Ω (1.5W)
Sensitivity	86 dB (1W/1m)
Max. sound pressure SPL*	93 dB (6W/1m)
Frequency response	170 ÷ 16.000 Hz (peak -10 dB)
Horizontal angle of dispersion (-6 dB)	170° (500 Hz) 150° (1 kHz) 35° (2 kHz) 30° (4 kHz)
Vertical angle of dispersion (-6 dB)	180° (500 Hz) 180° (1 kHz) 120° (2 kHz) 140° (4 kHz)
Operating/storage temperature	-25°C ÷ +55°C / -40°C ÷ 70°C
Relative humidity	< 95%
Dimensions	258 x 169 x 72 mm
Weight	0,95 kg

* Measurement made at the geometric center of the loudspeaker.