NIC-6

LOUDSPEAKERS

In-ceiling / In-wall Loudspeaker

A&E SPECIFICATIONS

The in-ceiling / in-wall installation loudspeaker shall be a 2-way type consisting of a 6.5” woofer and a 1” steerable dome tweeter, suitable for 70/100 V line or low-impedance installations. The power handling shall be 50 W RMS at a nominal impedance of 8 Ω, with 100 W program power and 200 W peak power. It shall include a multi-tapping line transformer with tappings for 50 W / 25 W / 12.5 W (100 V) and 25 W / 12.5 W / 6.25 W (70 V), including an 8 Ω bypass.

The effective frequency range (±10 dB) shall be 66 Hz to 20 kHz. The sensitivity shall be 88 dB, while the maximum continuous sound pressure level shall be 105 dB and the maximum peak 111 dB at 1 meter. The nominal dispersion shall be a 103° conical coverage pattern at –6 dB.

The enclosure shall be made of ABS plastic, and the frameless grill shall be made of iron, magnetically attached and removable. The loudspeaker shall be IP66 rated. Mounting shall be possible using three rotating tabs. Connection shall be made via 4-pin Euroblock connector, mounted on the front of the baffle. Accepts cable sizes from 18 AWG (0.8 mm²) to 14 AWG (2.5 mm²).

The loudspeaker shall have an external diameter of 267 mm, a required depth greater than 190 mm, and a weight not exceeding 3.12 kg. The recommended cut-out diameter shall be 232 mm.

The loudspeaker shall be the ECLER NIC-6.

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