ROUND METAL CEILING LOUDSPEAKER

RCS5/T

ARCHITECTS & ENGINEERS SPECIFICATION

This unit shall be the PENTON model RCS5/T or equal and approved. The loudspeaker baffle shall be a round two part bezel comprising an inner metal mesh grille, and chassis with integral loudspeaker having no visible fixings. Installation shall be by pre-mounted torsion-springs. The speaker assembly shall comprise of a twin cone loudspeaker and shall be fitted with a 6 watt/100 volt line factory mounted transformer with the power taps clearly marked on the assembly.

The loudspeaker shall have a wide-angle dispersion. The cone shall be a damped, high compliance type with a smooth extended frequency response.

RATED POWER	6w
TAPPINGS 100v LINE	6/3/1.5/0.75/0.25w
EFFECTIVE FREQUENCY RANGE	70 - 17.5kHz
SPL @ 1w/m (TEST SIGNAL 100Hz - 10kHz)	94dB
DISPERSION AT 1k/2kHz	180/180
AXIAL Q FACTOR AT 1k/2kHz	2.3/4.6
COLOUR	WHITE RAL9016
CEILING CUT-OUT	160mm

All units to be tested in accordance with BSEN60268-5

PENTON

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ROUND METAL CEILING LOUDSPEAKER

RCS5/FTS

ARCHITECTS & ENGINEERS SPECIFICATION

This unit shall be the PENTON model RCS5/FTS or equal and approved. The loudspeaker baffle shall be a round two part bezel comprising an inner metal mesh grille, and chassis with integral loudspeaker having no visible fixings. Installation shall be by pre-mounted torsion-springs. The speaker assembly shall comprise of a twin cone loudspeaker and shall be fitted with a 6 watt/100 volt line factory mounted transformer with the power taps clearly marked on the assembly.

The RCS5/FTS will be suitable for voice alarm applications. In addition to the above specification will be supplied with a steel fire dome capable of withstanding 800˚C. It will incorporate a removable steel plate fitted with 2 x 20mm knock-outs, 3 way ceramic terminals able to take 2 x 2.5mm² conductors and a thermal fuse rated at 150˚. The removable gland plate will allow cable termination prior to the fitting of both the fire dome and speaker allowing field cabling to be tested prior to the connection of the speaker. Connection between the gland plate and speaker will be via a pre-wired loom with plug in terminals for ease of 2nd fix installation.

The loudspeaker shall have a wide-angle dispersion. The cone shall be a damped, high compliance type with a smooth extended frequency response.

This loudspeaker must be compliant to BS5839 part 8 & EN60849.

RATED POWER	6w
TAPPINGS 100v LINE	6/3/1.5/0.75/0.25w
EFFECTIVE FREQUENCY RANGE	50 - 18kHz
SPL @ 1w/m (TEST SIGNAL 100Hz - 10kHz)	95dB
DISPERSION AT 1k/2kHz	180/180
AXIAL Q FACTOR AT 1k/2kHz	2.1/6.0
COLOUR	WHITE RAL9016
CEILING CUT-OUT	164mm

All units to be tested in accordance with BSEN60268-5

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