

ROUND METAL CEILING LOUDSPEAKER

➤ **RCS4/T**

ARCHITECTS & ENGINEERS SPECIFICATION

This unit shall be the PENTON model RCS4/T or equal and approved. The loudspeaker baffle shall be a round two part construction with an inner metal mesh grille and an outer pressed steel epoxy coated bezel that has no visible fixings. Installation will be via concealed pre-mounted stainless steel torsion springs. Assembly shall comprise of an 80mm diameter dual coned mid-range loudspeaker, tropicalized for humid, damp environments and shall be fitted with a 4 watt/100 volt line factory fitted transformer with the power taps clearly marked on the assembly.

The field cabling to be connected via a 3 way terminal plastic block.

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	4w
TAPPINGS 100v LINE	4/2/1/0.5/0.25w
EFFECTIVE FREQUENCY RANGE	130 - 18kHz
SPL @ 1w/m (TEST SIGNAL 100Hz - 10kHz)	84dB
DISPERSION AT 1k/2kHz	180/180
AXIAL Q FACTOR AT 1k/2kHz	1.9/2.2
COLOUR	WHITE RAL9016
CEILING CUT-OUT	119mm

All units to be tested in accordance with BSEN60268-5



Penton UK Ltd

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ISSUE NOVEMBER 2011

ROUND METAL CEILING LOUDSPEAKER

➤ **RCS4/FTS**

ARCHITECTS & ENGINEERS SPECIFICATION

This unit shall be the PENTON model RCS4/FTS or equal and approved. The loudspeaker baffle shall be a round two part construction with an inner metal mesh grille and an outer pressed steel epoxy coated bezel that has no visible fixings. Installation will be via concealed pre-mounted stainless steel torsion springs. Assembly shall comprise of an 80mm diameter dual coned mid-range loudspeaker, tropicalized for humid, damp environments and shall be fitted with a 4 watt/100 volt line factory fitted 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.

The RCS4/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 be fitted with surface mount ceramic terminals to take 2 x 2.5mm² conductors and a thermal fuse rated at 150°.

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

RATED POWER	4w
TAPPINGS 100v LINE	4/2/1/0.5/0.25w
EFFECTIVE FREQUENCY RANGE	200 - 18kHz
SPL @ 1w/m (TEST SIGNAL 100Hz - 10kHz)	83dB
DISPERSION AT 1k/2kHz	180/180
AXIAL Q FACTOR AT 1k/2kHz	1.7/2.2
COLOUR	WHITE RAL9016
CEILING CUT-OUT	119mm

All units to be tested in accordance with BSEN60268-5



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