

PART NUMBER

PRODUCT DESCRIPTION

S60200-00

NSC A/B Ceiling-Mount Speaker CM-AB 6-200 EN54



- Highest reliability; with metal fireproof housing;
- 2x 6W in AB mode, 1x 12W in single-line parallel operation;
- EN 54-24; Protection class IP55; 1438-CPR-1044
- The CM-AB 6-200 EN54 is constructed with two independent speakers and 100V output transformers, enabling cost-effective supply via two separate (A/B) lines. In case of a line failure, speaker redundancy ensures continuous sound coverage in the area. Both the A and B lines are present at every installation position, avoiding any failure situation.
- The 2x6W speaker is equipped with two broadband speakers and two 100V transformers with 3 power settings. The plastic-coated metal housing with perforated grid cover in RAL 9010 ensures lasting stability.
- For added operational safety, the speaker includes an integrated 2-pole ceramic terminal and thermal fuses, as well as moisture impregnation of the speaker chassis. The speaker is also protected with an IP55 rating against environmental risks.
- Quick and easy installation via spring clip closure with short clamping range. The connection cables can be supplied to the speaker via 4 rubber bushings in the fireproof housing.
- Same specifications for single-line parallel operation.

Power	2x 6/3/1,5W (A/B); 1x 12/6/3W (Parallel mode)
Impedance @1kHz (100V)	2x 1667/3333/6667 Ohm (A/B); 1x 833/1667/3333 Ohm (Parallel mode)
Pmax @20kHz (100V)	2x 1,47 W (AB-Modus); 1x 1,94 W (Parallel mode)
Frequency Range	162 - 18.600 Hz (single); 159 - 16.000 Hz (double*)
Frequency Response	125 - 23.500 Hz (single); 120 - 23.500 Hz(double*)
SPL 1W/1m, peak	98,4 dB (single); 104,8 dB (double*)
SPL 1W/4m, peak	86,4 dB (single); 92,8 dB (double*)
SPL Pmax/4m, peak	94,1 dB (single); 100,5 dB (double*)
SPL IEC268-5, 1W/1m	89,0 dB
SPL EN54-24, Pmax/4m	85,0 dB (single); 91,0 dB (double*)
Sensitivity EN54-24, 1W/1m	89,0 dB
Sensitivity EN 54-24, 1W/4m	77,0 dB
Dispersion -6dB, 500Hz	180° (h) single/double*; 180° (v) single/double*
Dispersion -6dB, 1KHz	160° (h) single/double*; 160° (v) single/double*
Dispersion -6dB, 2KHz	20° (h) 160° (v) single; 75° (h) 90° (v) double*
Dispersion -6dB, 4KHz	65° (h) 120° (v) single; 40° (h) 60° (v) double*
IP Rating	IP55
Type A/B	A (Indoor)
Temperature Range	-10°C to +55°C
Connector	2-pin ceramic block
Clamp diameter	3,2 mm
Maximum cable entry	8 mm² (single)
Dimensions	268 x 136 mm
Ceiling Cut-out	243 mm
Einbautiefe	135 mm
Mounting	Snap-in system
Weight (net)	2,16 kg
Color	RAL 9010

* Same specifications for single-line parallel operation