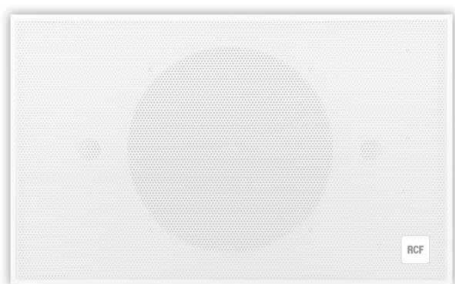


DUP 5EN

UNIVERSAL WALL MOUNT PLASTIC SPEAKER



DESCRIPTION

DUP 5EN is a 6 W wall surface mounted speaker in compliance with EN 54-24:2008.

It is suitable for evacuation / alarm messages, paging and background music. Its body is made of ABS and includes:

- a 5.5" loudspeaker (externally protected by a grille).
- a transformer for 100 V (/ 70 V) constant voltage lines with the possibility to set the power during the installation (tapping).

It has a ceramic terminal strip (inside) to connect in / out cables.

Its thermal fuse prevents damages to the audio line due to excessive speaker heat.

MAIN APPLICATIONS

- Voice evacuation system
- Schools
- Shopping malls
- Hospital
- Museums
- Hotels
- Office building

MAIN FEATURES

- 5.5" full range speaker for alarm voice messages broadcasting and high quality background music
- ABS cabinet with powder coated iron grille.
- Equipped with transformer for 100 V (/ 70 V) constant voltage lines.
- Internal power setting.
- Ceramic terminal strip for connection.
- Internal thermal fuse.
- Color: White RAL 9016.

SPECIFICATIONS

Input:	100 V (/ 70 V) constant voltage
Nominal power:	6 W – 3 W – 1.5 W (100 V)
Input impedance:	1.67 k Ω – 3.33 k Ω – 6.67 k Ω
Transducer:	5.5" loudspeaker
Frequency response:	130 Hz ÷ 17 kHz
Sensitivity:	92 dB (1 W, 1 m), 80 dB (1 W, 4m)
Max. sound pressure level:	100 dB (6 W, 1 m), 88 dB (6 W, 4 m)
Body material:	ABS
Grille material:	powder coated iron mesh
Colour:	white
Connector:	ceramic screw terminal
Dimensions (l, h, d):	267 mm, 166 mm, 80 mm
Net weight:	1 kg

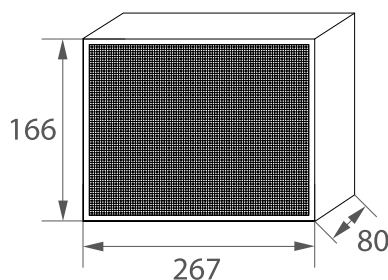


DUP 5EN

PART NUMBER

131.00.019

DIMENSIONS (All data are in mm)



POWER SELECTION

Connections to the audio line are made by using the internal ceramic terminal strip.

The connecting cables can be fixed to the plastic holder (shown in this figure) through a cable tie.

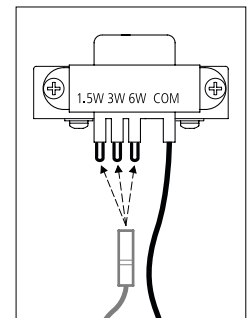
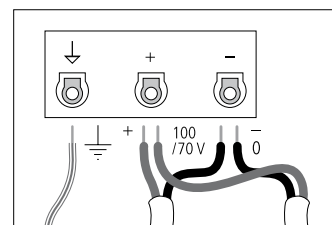
The terminal strip allows to connect both input and output cables (to link other speakers in parallel).

Applicable wire section: from 1 mm² to 4 mm².

1. Connect the line positive wire to the speaker + input.
2. Connect the line negative wire to the speaker - input.
3. If necessary, connect in the same way the output cable to link other speakers in parallel.
4. Connect the earth wire to its respective contact (indicated on the ceramic terminal strip).

If speakers are connected to a 70 V line, their power rates will be halved.

Link the internal red wire to the transformer contact having the desired power value (chosen among 6 W, 3 W, 1.5W).



INSTALLATION NOTES

Make sure that speakers are installed in a stable and secure way in order to avoid any conditions that may be dangerous for persons or structures. Ensure the support surface (walls, ceilings, etc.) has the necessary mechanical characteristics to support the speaker weight.

Before installing speakers, carefully check all components to be used and make sure there is no damage, deformation, corrosion and/or missing or damaged parts that could reduce the safety of the installation.

CERTIFICATIONS AND APPROVALS

EN 54-24:2008 compliant.