

FEATURES

- Rated power 25 W or 80 W
- 3 dB attenuation per step
- 30 dB of total Attenuation
- 10 attenuation positions + OFF
- Wide frequency response
- 3-wire connection via PPW2 relays
- 4-wire connection via build-in relay
- Surface or flush mounting
- Compatible with 2LG2 and 16SG based solutions



Certificate of constancy of performance 1438-CPR-1077
Certificate of admittance 5641/2025

EN54 16

OVERVIEW

The VCT volume attenuators are designed to regulate volume levels on loudspeaker lines. They are available in various models and power ratings to meet different installation requirements.

Each attenuator provides 10 steps of 3 dB attenuation, plus an additional OFF position. All models include a built-in bypass function that automatically overrides muted attenuators during a fire alarm. The VCT "R" version is equipped with an integrated 24 V DC activated built-in relay.

For simplified installation, all VCT attenuators feature a removable terminal strip.

VCT attenuators are fully compatible with the IVO system, supporting both 2LG2-based and 16SG-based configurations.

TECHNICAL SPECIFICATION

GENERAL

Power supply	24 V DC $\pm$ 20 % (VCT25R, VCT80R)
Standards	EN54, CE
Mechanical	84 x 84 x 54 mm (VCT25, VCT25R) 149 x 87 x 61 mm (VCT80, VCT80R)
Operating temperature	-5 : +50 °C
Relative humidity	25 % - 90 %
Connectors	3-wire 100 V line (VCT25, VCT80) 2-wire 100 V line + 2-wire of control bypass relay (VCT25R, VCT80R)

AUDIO SPECIFICATION

Frequency response	40 Hz - 20 kHz (- 1 dB)
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OTHERS

IP protection	IP21
Switches	Rotary 10 positions + OFF

SPECIFICATION PER VERSION

Rated output power	25 W (VCT25, VCT25R) 80 W (VCT80, VCT80R)
Options	3-wire (VCT25, VCT80) oraz 4-wire (VCT25R, VCT80R) installation

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