

# SV-200MA

## SURVEILLANCE BOARD TYPE A

Designed to be built in the VM-2120/-2240 amplifiers, the SV-200MA permits monitoring of individual speaker lines and the power amplifier.



Article number:SV-200MA

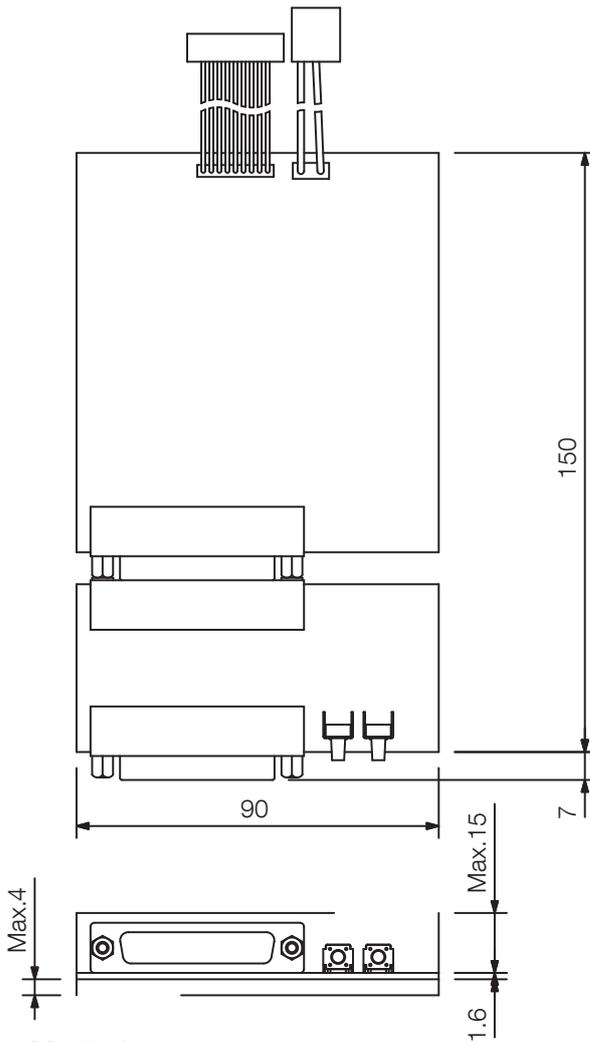
### Specifications

Power source	24 V DC (provided by VM-2000)
Current consumption	120,0 mA
Control input	Speaker line check, impedance initialisation. No-voltage make contact, open voltage: 3.3 VDC, short circuit current: under 1 mA
Control output	Per speaker line: short, break; amplifier fault; earth leakage; initialisation busy; initialisation error. Open-collector: withstand voltage: 30 VDC, control current: less than 10 mA
Input / Output	Per zone: zone status (output), de-activate zone (input); attenuator bypass status (output), de-activate (input), external SP input status (output), de-activate (input). Inputs: no-voltage make contact input, open voltage 24 VDC, max. current 60 mA. Outputs: open collector, withstand voltage 24 VDC, max. 20 mA
Connection	25-pin sub-D terminal, female. Cable set for connections inside VX-2000.
Dimensions (W x H x D)	90 x 20,6 x 157 mm
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Operating temperature	0 - 50 °C

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Appearance



UNIT:mm

SCALE:1/2

Caution: about combination with SV-200MA and UL-adaptive speaker

The following UL-adaptive speakers can't use, because there is a possibilities to cause short circuit false detection.

- BS-680U
- CS-64U/154U/304U
- PC-580RU/580RVU
- SC-630U

Please contact your nearest TOA dealer about a UL-adaptive speaker which will be added from now on.