

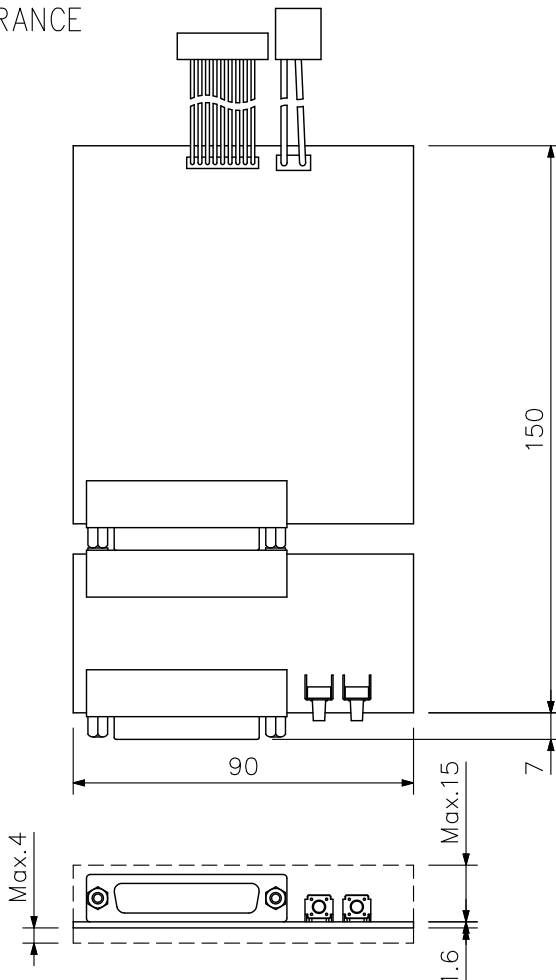
DESCRIPTION

Designed to be built in the VM-2120/-2240 amplifiers, the SV-200MA permits monitoring of individual speaker line or power amplifier failures for status indication.

SPECIFICATIONS

Power Source	24 V DC
Current Consumption	120 mA
Control Input and Output	<p>Input: No-voltage make contact input, open voltage: 3.3 V DC, short-circuit current: 1 mA or less</p> <p>(1) Speaker line initial setting activation signal</p> <p>(2) Speaker line surveillance activation signal</p> <p>Output: Open collector output, withstand voltage: 30 V DC, control current: 10 mA or less</p> <p>(1) Monitoring short or open of individual speaker line (zone 1 - 5)</p> <p>(2) Ground fault (insulation resistance: 50 kΩ or less)</p> <p>(3) Power amplifier failures</p> <p>Input/Output</p> <p>Input: No-voltage make contact input, open voltage: 24 V DC, short-circuit current: 60 mA or less</p> <p>Output: Open collector output, withstand voltage: 24 V DC (used with VM 24 V DC output), control current: 20 mA or less</p> <p>(1) Speaker Zone information/selection</p> <p>(2) Power amplifier fault link</p> <p>Connector: D-sub connector (25-pin, female)</p>
Failure Detection	<p>Power amplifier failure: 20 kHz pilot tone detection</p> <p>Speaker line failure: 40 Hz impedance detection (Detectable minimum load: 5 W)</p>
Speaker Line Surveillance	Speaker lines are automatically monitored at set time intervals
Set Time	(10 - 60 min, at 10 min intervals)
Operating Temperature	0 °C to +50 °C
Operating Humidity	90 % RH or less (must be free from dew condition)
Dimensions	90 (W) × 20.6 (H) × 157 (D) mm
Weight	140 g
Accessory	Flat cable 3×2

APPEARANCE



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.

UNIT: mm SCALE: 1/2