

 **TOA**  
VM-300IS-EB QJ Loop  
Monitor and Isolator



# TOA VM-300IS-EB QJ Loop Monitor and Isolator Instruction Manual

[Home](#) » [TOA](#) » TOA VM-300IS-EB QJ Loop Monitor and Isolator Instruction Manual 

## Contents

- [1 TOA VM-300IS-EB QJ Loop Monitor and Isolator](#)
- [2 Specifications](#)
- [3 APPEARANCE](#)
- [4 Installation](#)
- [5 Operation](#)
- [6 Maintenance](#)
- [7 Troubleshooting](#)
- [8 FAQs](#)
- [9 Documents / Resources](#)
  - [9.1 References](#)
- [10 Related Posts](#)



**TOA VM-300IS-EB QJ Loop Monitor and Isolator**

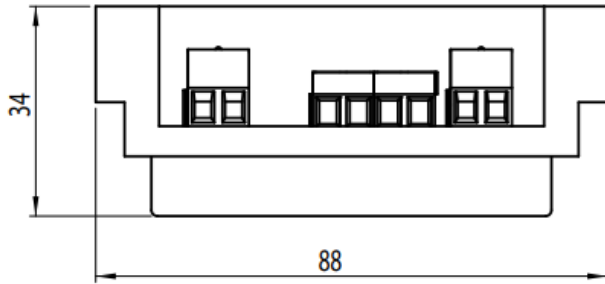


The VM-300IS-EB QJ is a short-circuit isolator for controlling a high-voltage loudspeaker network. It is installed in combination with VM-300IM-EB QJ. This isolator comprises a small box with a PCB for mounting on the ceiling speaker's top of the Are dome or built-in in the housing of a wall mount speaker. The isolator can also be used as an independent isolator circuit for several speakers as a cost-saving method for installing a loudspeaker network. For solitary use without connection of a loudspeaker, a resistor is to be mounted on the speaker terminal between the common and 6W connection to ensure proper functionality of the isolator. LED for signaling actual function: proper function / short circuit left side / short circuit right side / switch-on.

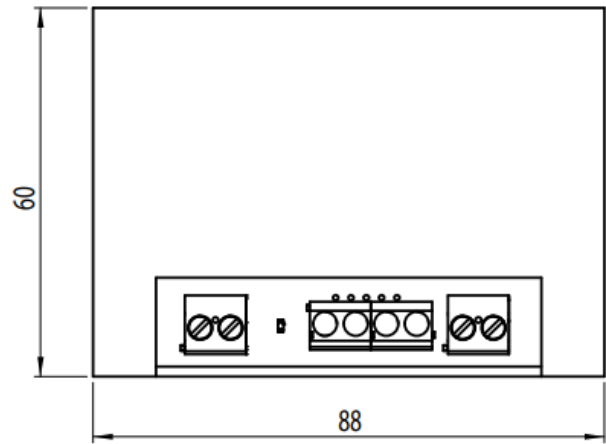
## Specifications

- Type of the sort circuit isolator Two-direction
- Protection Reverse polarity protection
- Dust / Water Protection IP55
- Max. Connectable units 60 pcs. (in one loop)
- Max. speaker load 6 W
- Recommended cable Shielded cable, Eldra DSQ 2x 1.5 mm<sup>2</sup> or similar
- Operating temperature -10 to + 55 °C
- Dimensions 88 (W) x 60 (H) x 34 (D) mm
- Weight 100 g

## APPEARANCE



Side View



Top View

## Installation

1. Ensure the power is off before starting the installation process.
2. Connect the recommended cable to the isolator following the provided guidelines.
3. Mount the isolator in a suitable location ensuring proper ventilation.

## Operation

1. After installation, power on the isolator and verify proper connectivity.
2. Adjust the speaker load as per your requirements but not exceeding the maximum limit.
3. Monitor the operating temperature to prevent overheating.

## Maintenance

1. Regularly check for any loose connections or signs of wear and tear.
2. Clean the isolator periodically to prevent dust buildup that can affect performance.

## Troubleshooting

If you encounter any issues with the isolator, refer to the troubleshooting section of the user manual or contact customer support for assistance.

## FAQs

### **Q: What should I do if the isolator gets overheated during operation?**

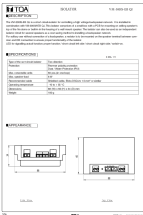
A: Turn off the power immediately and allow the isolator to cool down before attempting to use it again. Check for any obstructions to ventilation and ensure proper airflow around the device.

### **Q: Can I use a different cable than the recommended one?**

A: It is highly recommended to use the specified cable for optimal performance and safety. The use of a different

cable may affect the functionality of the isolator and could pose risks.

Documents / Resources



[TOA VM-300IS-EB QJ Loop Monitor and Isolator](#) [pdf] Instruction Manual  
VM-300IM-EB, VM-300IS-EB, VM-300IS-EB QJ Loop Monitor and Isolator, VM-300IS-EB QJ, Loop Monitor and Isolator, Monitor and Isolator, and Isolator

References

- [User Manual](#)

[Manuals+.](#) [Privacy Policy](#)

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