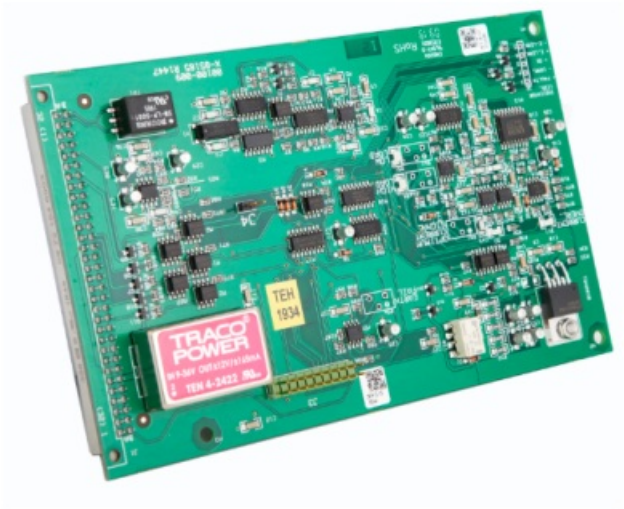
zenitel

DATASHEET

4000085164

Line Surveillance Board

Speaker line surveillance for P-1670



Description

The LINE SURVEILLANCE BOARD is divided into 3 major modules:
1. PA line / loudspeaker loop surveillance
2. Power amplifier surveillance
3. Earth leak surveillance

The Power amplifier surveillance module is fully automatic and no adjustments are available.
The Earth leak surveillance circuit is possible to adjust, but the factory setting of 1 MΩ leak limit should not be necessary to alter.
The PA line / loudspeaker loop surveillance circuit is subject to 3 different adjustments; an optimalisation of the (current) detector circuit and low and high load limits.
The PA line / loudspeaker loop surveillance circuit is working by generating a 19.2 KHz tone (above the upper hearing limit). The circuit transmits it on the line and measures the power output performance.

www.zenitel.com info@zenitel.com Last revision date: 2025-02-03 09:33

Zenitel and its subsidiaries assume no responsibility for any errors that may appear in this publication, or for damages arising from the information therein. Zenitel products are developed and marketed by Zenitel. The company's Quality Assurance System is certified to meet the requirements in NS-EN ISO 9001. Zenitel reserves the right to modify designs and alter specifications without notice.

ZENITEL PROPRIETARY. This document and its supplementing elements, contain Zenitel or third party information which is proprietary and confidential. Any disclosure, copying, distribution or use is prohibited, if not otherwise explicitly agreed in writing with Zenitel. Any authorized reproduction, in part or in whole, must include this legend; Zenitel – All rights reserved.

Specifications

GENERAL	
Dimension (WxHxD)	160 x 20 x 100 mm
Mounting	Inside enclosure of P-1670 amplifier
Weight	0.3 kg
Operating temperature	-15°C to +55°C

Used With



P-1670-Basic

Power Amplifier 1 x 400W, 48VDC

Item Number: 2340100002

Zenitel and its subsidiaries assume no responsibility for any errors that may appear in this publication, or for damages arising from the information therein. Zenitel products are developed and marketed by Zenitel. The company's Quality Assurance System is certified to meet the requirements in NS-EN ISO 9001. Zenitel reserves the right to modify designs and alter specifications without notice.

ZENITEL PROPRIETARY. This document and its supplementing elements, contain Zenitel or third party information which is proprietary and confidential. Any disclosure, copying, distribution or use is prohibited, if not otherwise explicitly agreed in writing with Zenitel. Any authorized reproduction, in part or in whole, must include this legend; Zenitel – All rights reserved.