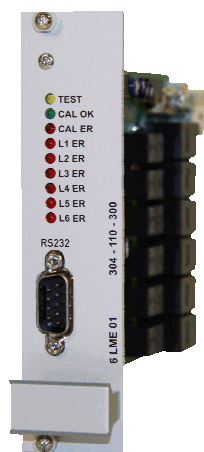


6 LME 01

Line Monitoring Unit



Features and Functions

- Impedance monitoring of six loudspeaker or flashing warning beacon lines with adjustable discrepancy value
- Line monitoring functions
 - Short-circuit
 - Line break
 - Impedance error
 - Ground leakage
- Cutting off the line in case of a short-circuit
- Adjustable measuring cycle
- Selectable measuring frequency

The 6 LME 01 line monitoring unit is a part of the INDUSTRONIC communication and public address system with digital interfaces. It is especially designed for the use in public address and sound systems for emergency purposes with increased safety requirements on the reliable functioning of loudspeaker or flashing warning beacon circuits.

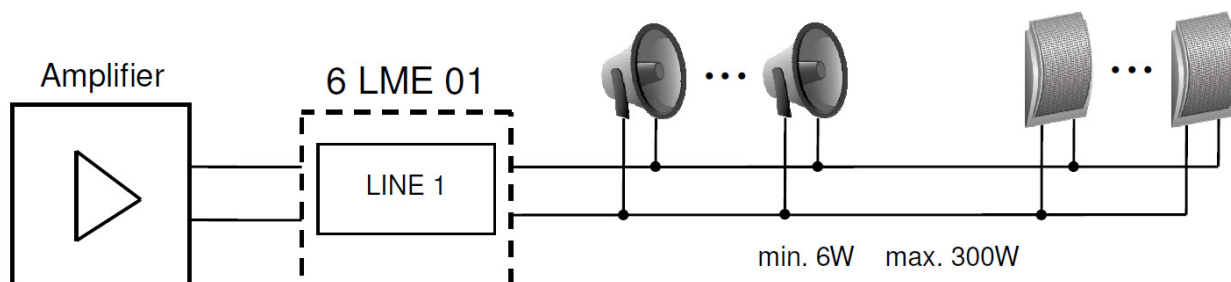
The data of the monitored line are configured via an intuitive Windows[®] software. In the event of a short-circuit the faulty circuit will be cut off from the power supply or amplifier. Occurring failures are indicated at the front panel via LEDs.

Additional Features

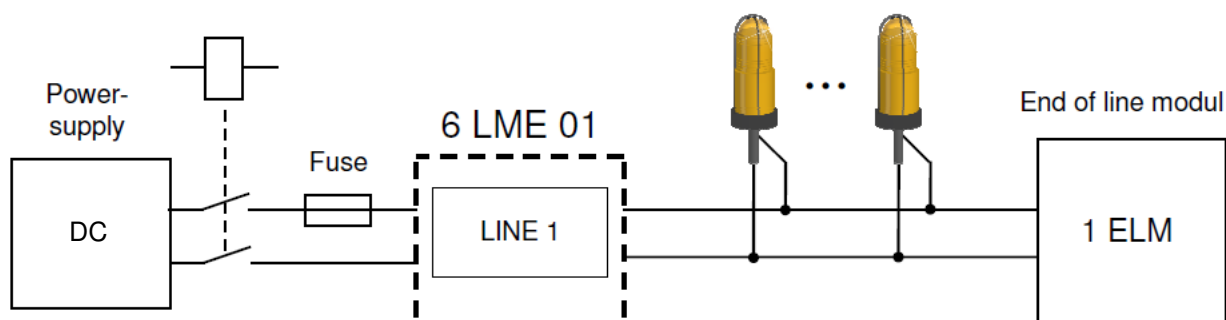
- 6 individual monitoring units
- Designed according to DIN EN 60849 / VDE0828 (Standard for Sound Systems for Emergency Purposes)
- Configuration software for Windows[®] 7, XP, and Vista[™]

Mechanical Data

- | | |
|----------------|---|
| • Construction | Plug-in board 19" |
| • Dimensions | 3 RU, 6 HP, depth 160 mm (6 ¼ ") |
| • Weight | approx. 0.3 kg (approx. ¾ lbs) |
| • Connections | F48-type plug
9-Pin D-sub male connector for configuration interface |



Example 1: Loudspeaker monitoring



Example 2: Flashing warning beacon monitoring

Electrical Data

	• Supply voltage	22 V _{DC} to 26 V _{DC}
	• Current consumption	Max. 180 mA
	• Inputs "MES START" "MES INT"	22 V _{DC} to 75 V _{DC}
	• Outputs "MES AKT" "ERROR"	Max. 75 V _{DC} , 100 mA
Speaker lines (Example 1)	• Speaker level	100 V _{RMS}
	• Power of each speaker line	6 W to 300 W at 100 V _{RMS}
	• Impedance of each line	1666 to 33 Ω
Flashing beacon lines (Example 2)	• DC load voltage	Max. 72 V _{DC}
	• DC load current of each line	Max. 5 A at 24 V _{DC} Max. 5 A at 48 V _{DC} Max. 3 A from 60 V _{DC} to 72 V _{DC}
	• Adjustment of impedance deviation	+/-5 % to +/-50 %
	• Measurement frequency	50 Hz / 80 Hz
	• Measurement cycles	1 min, 10 min, 1 h, 6 h, 12 h

Environmental requirements and standards

• Operating temperature	-5 °C to +50 °C (23 °F to 122 °F)
• Storage temperature	-25 °C to +80 °C (-13 °F to 176 °F)
• Humidity non-condensing	Max. 95 %
• Sound Systems for Emergency Purposes	DIN EN 60849 / VDE 0828
• EMC	IEC / EN 61000-6-2 IEC / EN 61000-6-4

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