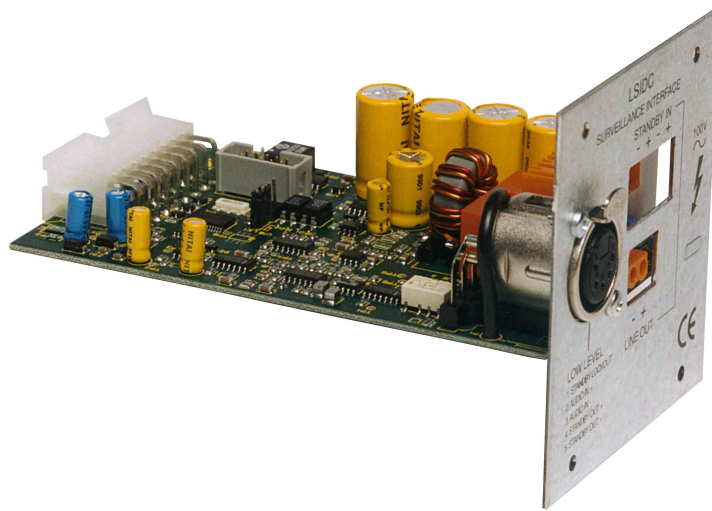


LSIDC DC Line Surveillance Interface



Description

The LSIDC is an amplifier interface card for use with the M100, M200 and M400 Class D Amplifiers in a V400 Amplifier Mainframe for Voice Alarm and Public Address applications.

This interface card provides; amplifier health monitoring via subsonic or supersonic surveillance tones, automatic control of changeover to standby amplifier, loudspeaker line earth leakage monitoring, and loudspeaker line "End Of Line" (EOL) monitoring.

For further details please refer to the LSIDC product manual, the Amplifier Mainframe Handbook, and the Application Solutions PA/VA Systems Design Handbook.

Specification

General

Current consumption (average, without changeover, 24V supply)	12.5mA
Current consumption (average, with relays operating, 24V supply)	44mA
Maximum amplifier output power	400W
Surveillance tone frequency and level compatibility (level referred to amplifier output)	20 – 40Hz, 1 – 2V RMS 18 – 22kHz, 1 – 10V RMS
Pulsed surveillance tone compatibility	Repetition: continuous to 50 seconds Duration: 1 second to continuous
Ground (earth) resistance fault threshold.....	500kΩ
Loudspeaker line 'End of Line' monitoring capability	up to 10 EOL resistors can be monitored (10 loudspeaker line spurs)

Dimensions and Weight

Dimensions (H x W x D)	87mm x 79mm x 130mm
Weight	0.25kg

Environmental

Temperature (storage and operating)	–5°C to +50°C
Humidity range	0% to 93% Non-condensing



This equipment is designed and manufactured to conform to the following EC standards:

EMC EN 55103-1 Environment E1, EN 55103-2 Environment E5

Safety EN 60065

Failure to use the equipment in the manner described in the product literature will invalidate the warranty.

A 'Declaration of Conformity' statement to the above standards, and a list of auxiliary equipment used for compliance verification, is available on request.

Manufacturer

Application Solutions Limited

Head Office: The Riverside Centre - Railway Lane
Lewes - East Sussex - BN7 2AQ - UK

Tel: +44(0)1273 476608 Fax: +44(0)1273 478888

Voice Alarm Direct: Tel: +44(0)1273 405411 Fax: +44(0)1273 405415

www.asl-electronics.co.uk



QUALITY ASSURED FIRM
CERTIFICATE NUMBER 96-LON-AQ-041

All rights reserved.

Information contained in this document is believed to be accurate, however no representation or warranty is given and Application Solutions Limited assumes no liability with respect to the accuracy of such information.