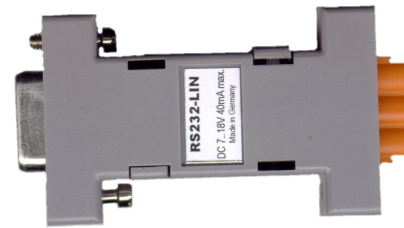


1 General

The RS232-LIN Converter can be used to connect a LIN Bus to a PC serial port.

With the appropriate tools (LIN Monitor) the LIN bus can be monitored with the PC, or the PC can simulate the master node or generate test messages for testing slave nodes.

It can be equipped with different LIN transceivers, to fulfill demands for different features (eg. LIN dominant time out, 24V power systems)



- 9-pin DSUB-Plug (female) to connect to PC serial port
- 3 pin LIN Plug compatible to Phoenix Combicon series (3 Pin) with 5,08 pitch
- Power supply via LIN connection 7..18V (optional 30V) . This means no separate power supply needed
- Low cost and space saving assembly (63 x 33 x 17 mm)

2 Connectors and Pin Out

2.1 DSUB RS232 Connector

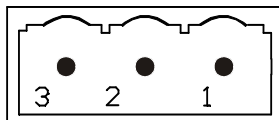
The 9pin DSUB connector is to be connected to the PC COM interface with a 1:1 (straight) cable.

2.2 X3 LIN Connector

Connector Type RIA 230 3 pin, RIA Order Number 31230103

Needed Plug Type RIA 249 3 pin, RIA Order Number 31249103 or compatible. One Plug is shipped with each converter.

Pin #	3	2	1
Connect to	Supply plus 7..18V	LIN	GND



view from outside into male socket

2.3 Option LIN MASTER

If the label is marked with a "M", the converter is equipped with a LIN Master Pullup Resistor and Diode. So the RS232-LIN is used as Master in the LIN Bus for e.g. production testing of LIN Slaves.

3 Package Content

Basic device RS232-LIN

One Plug Type RIA 249 3 pin for LIN-Connection with screw terminals

This user documentation

4 Contact

If you have questions about the product or application, please feel free to contact us. We are also grateful for hints regarding errors or ambiguous phrases in this document.

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