

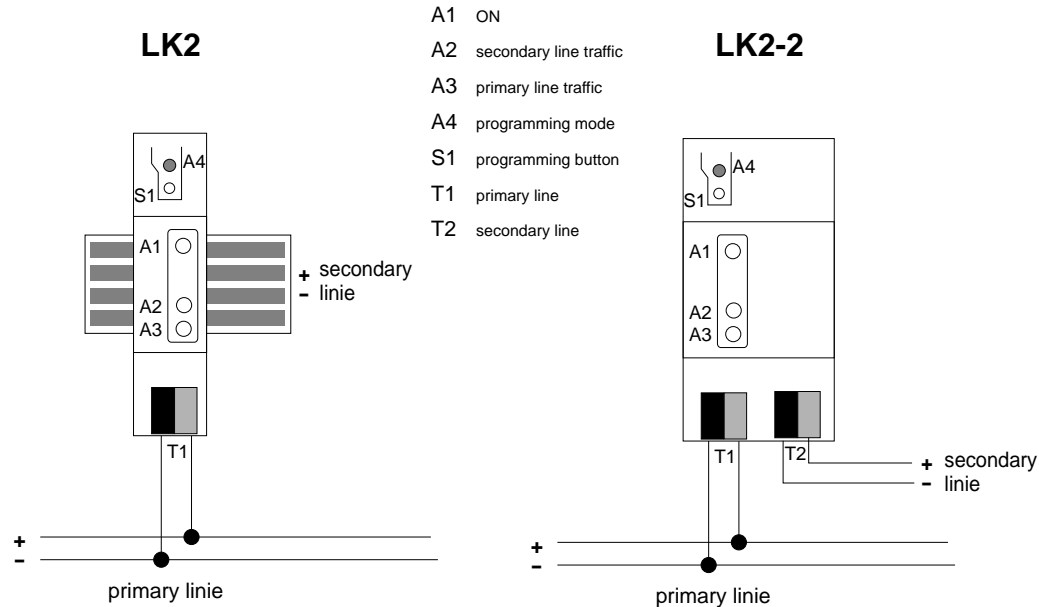
Line/Backbone Coupler

LK2 / LK2-2

Description

The coupler can be used both as line coupler and as backbone coupler. As a line coupler, it connects an EIB line with a main line. As a backbone coupler, it connects a main line with a backbone line. The corresponding lines are then galvanically isolated from each other.

A filter table determines which telegrams are passed through the coupler. With the LK2 coupler the primary line is connected to a data rail, the LK2-2 coupler has bus terminals for both lines.



Configuration

The device is programmed with the ETS (EIB-TOOL-SOFTWARE).

The LEDs indicate the operating status of the device.

Important:

As long as the coupler has not been assigned its own physical address, it can cause malfunctions at the initial start-up of other devices.

When exchanging an LK1 coupler for a new LK2 coupler in an already configured system, first the <LK_DUMMY.vd1> file has to be loaded up into ETS. Only then can a physical address be assigned and the previous filter table and the parameters be uploaded to the device.

Technical Data

power supply	29V DC EIB
protection class	IP 20
dimensions	LK2 18 x 90 x 60 mm (1RU*) LK2-2 36 x 90 x 60 mm (2RU*)
installation	35 mm DIN rail
operating temperature	-5 ... +45°C
operating and display elements	- LED green ON - LED yellow line telegram traffic - LED yellow main line telegram traffic

*RU = rail unit

Terminals

LK2
 The primary line is connected via bus terminal at the top of the device.
 The secondary line is connected to a data rail with pressure contacts at the bottom of the device.

LK2-2
 The primary line is connected via a bus-terminal on the left side of the device.
 The secondary line is connected via a bus terminal on the right side of the device.

Warnings

The device must only be installed and configured by a qualified professional!
 Health and safety regulations have to be complied with!
 Do not open the device!
 A faulty device must be returned immediately to Lingg & Janke OHG!

Installation

The device is mounted on a DIN rail, DIN EN 60715 TH35

To mount the device on the rail, slide the locating hook at the bottom downwards with a screwdriver. Click the device onto the rail and let the locating hook slide back up.

To take the device of the rail, proceed in reverse.

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