eibSOLO

Network Coupler

NK1 / NK2 / NK-FW

Description

The *eibSOLO* network couplers NK are DIN rail-mounted devices featuring the following:

- web server
- FTP server
- EIB visualisation with 104 data points maximum
- EIB programming via IP (EIBlip/IP)

The visualisation is exclusively configured with ETS (group addresses/data types) and with a standard browser in the visualisation itself (labelling/page links).

The NK2 network coupler additionally allows separate visualisations to be created and uploaded into the device. The NK-FW allows access to all other devices of FacilityWeb.

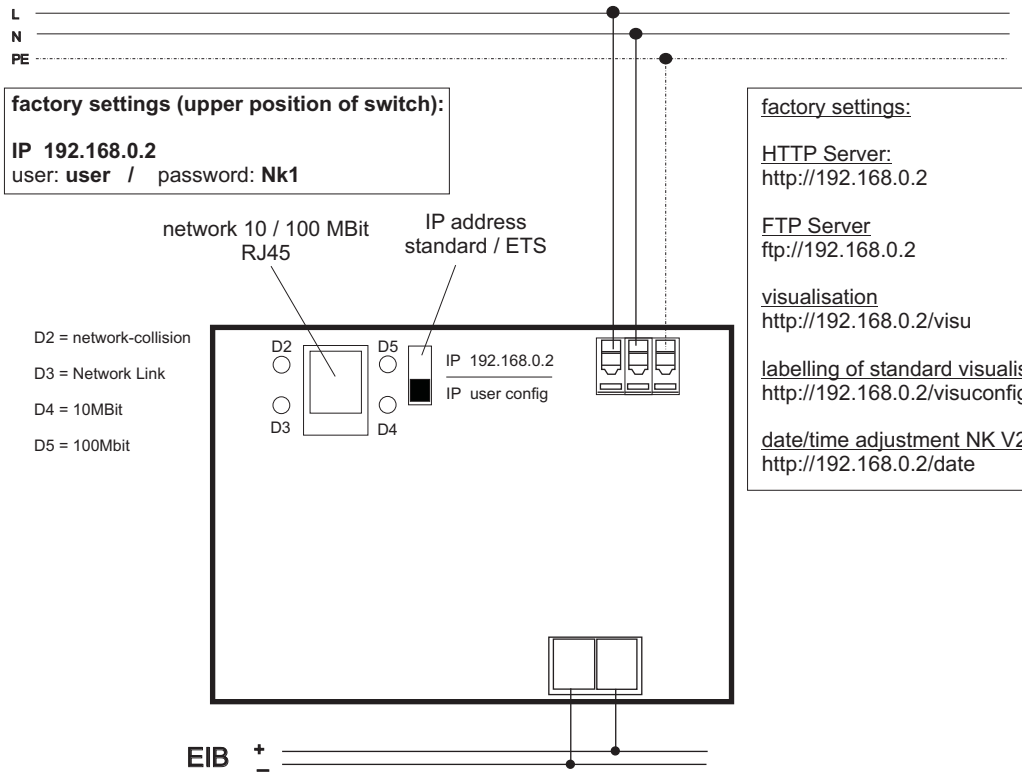
Technical Data

max. group addresses	111 (dynamic)
max. assosiations	111 (dynamic)
power supply	230V / 50Hz network interface 24V DC via EIB
protection class	IP 20
dimensions	108 x 90 x 65 mm (6 RU*)
installation	35 mm DIN rail
operating temperature	-5 ... +45°C

*RU = rail unit

Terminals

- terminal cross section: 0.08 - 2.5 mm²
- stripping lenght: 5 - 6 mm
- conductors permitted:
  - single core
  - multi-filar
  - fine-wired, including tin-plated individual wires
  - fine-wired, with wire end sleeves
- network: standard RJ45
- EIB: red-black bus terminal



factory settings (upper position of switch):

IP 192.168.0.2
user: **user** / password: **Nk1**

factory settings:

HTTP Server:
http://192.168.0.2

FTP Server
ftp://192.168.0.2

visualisation
http://192.168.0.2/visu

labelling of standard visualisation
http://192.168.0.2/visuconfig

date/time adjustment NK V2.0
http://192.168.0.2/date

Configuration Network

A slide switch in the upper part of the device allows the selection of the IP address:

The upper position of the switch selects the pre-programmed IP address **192.168.0.2**. The factory login settings are for user: **user** and for password: **Nk1**.

The lower position activates the IP address parameterised with ETS.

These options allow access to the pre-programmed address if the customised IP address is not known, for example, for service or configuration purposes.

The device is connected to the network with a standard RJ45 connection. The data transfer rate (10/100Mbit) is automatically detected and is displayed by a LED.

Configuration EIB

The factory settings of the NK1 / NK2 do not feature any device or group addresses. The functions required are assigned when setting the parameters. During the planning phase with ETS, objects which are not assigned are not displayed either.

important:
The bus coupling unit (BCU 2.1) used in the NK1 / NK2 requires the following to be installed before first-time use of the device:

programming only with ETS 2.0 V1.2 or later
- product data base 12/2004 or later
- current service patch

The application programm must always be fully downloaded to the device, never partially. Partial download of the programm may lead to malfunctions.

Warnings

The device must only be installed and configured by a qualified professional!

Health and safety regulations have to be compiled 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

Position the device on the DIN rail from above. Apply brief, strong pressure on the lower edge of the casing to engage the casing with the rail.

The device can be removed from the rail without any tools: simply slide it from the DIN rail upwards and remove it from the top of the rail. Do not apply any force lest the clamps be damaged.

To connect the wires to the screwless terminals, insert a slotted screwdriver into the respective mounting hole under the terminal, which opens the terminal. Insert the wire into

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