REKOBA
Relais- und Fernmeldetechnik GmbH

Product information EKM6616

EKM6616 is a dual (address) LIN-Bus-module with 8 Relay outputs and 8 input terminals.

Features:

- LIN Bus module
- 8 relay outputs (on setup address)
- 8 input terminals (on setup address +1)
- Single button operation for address configuration
- Dimensions (WxHxD): 80 x 75 x 28mm
- Power supply: 24V

Connectors and jumper:

- X1, X11: LIN-Bus port
  - 1: LIN
  - 2: Ground
  - 3: +24V
- X10:
  - 1-8: Inputs
  - 9 (V): +24V
  - 10 (G): GND
- X2: Outputs for relays K1 to K4
- X3: Outputs for relays K5 to K8

Indicators:

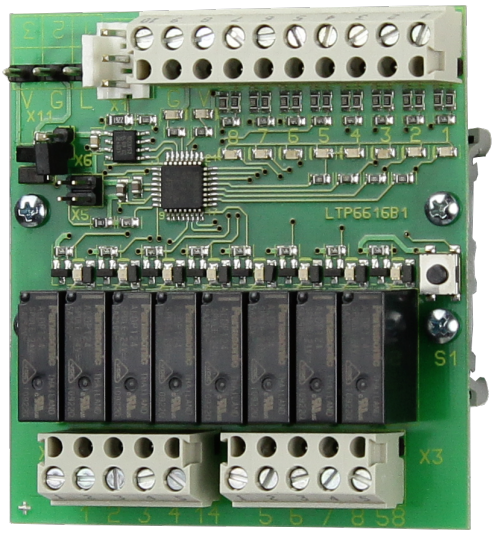
- H1 to H8: Status LED for input terminals 1 to 8
- H11 to H18: Status LED for relay outputs K1 to K8
- H9: Power supply status LED
- H10: Bus activity status LED

Settings:

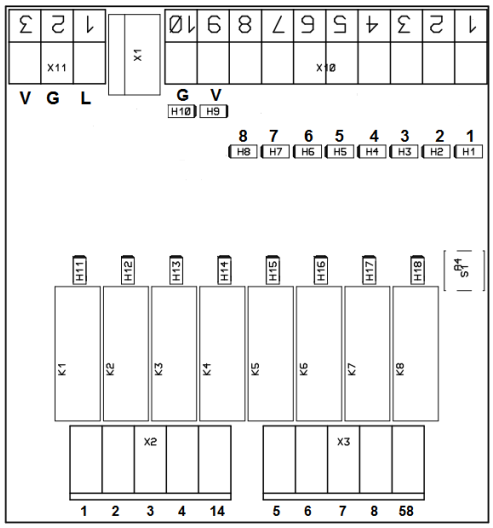
Use button S1 to configure the modules bus address.

- Press button S1 shortly (less than 2 seconds) to switch from normal mode into bus address configuration mode. H10 goes out in address configuration mode, H1 to H6 show the current address value in binary coding. Permissible address value range is 1, 2, ... 63.
- While in bus address or module configuration mode, pressing S1 shortly increments the current value by one.
- Pressing and holding S1 (for more than 2 seconds) directly after entering address configuration mode autoincrements the address value by one in intervals of a quarter second.
- Pressing and holding S1 (for more than 2 seconds) at a later point in time stores the new value permanently.
- When LED H8 stops blinking, data storage was successful, otherwise H8 flickers to indicate an unsuccessful data storage attempt.
- When S1 is depressed and blinking of H8 accelerates the module signals that it will soon drop back into normal mode (within 5 seconds), discarding any modified data. Configuration mode can be extended by pressing S1.

Exterior view:



Scheme:



Internal circuit of X2 and X3: