

Article description

The gateway enables a connection to two LIN networks to form a CAN network.

Typical use 1: The gateway is inserted between 1 LIN Master module und 1 LIN Slave module.

The gateway send to the master info from the slave and control the slave modul with data which come from the CAN interface.

Typical use 2: the gateway switch on the outputs with info which come from the CAN / LIN interface.

Technical Data

Voltage	12V
Operating voltage	9V-15V
Operating current	<25mA
Kommunikation	-
Operating temperature	-40°C - 85°C
Max. switching current	2x2A
Additional output	2
Number of inputs	1
Standby current	-
Electromagnetic Compatibility	95/54 EG & DIN 40839
E1-number	-
Tolerance	5%
Lifetime	-
Länge [mm]	30
Breite [mm]	30
Höhe [mm]	40
Protection	IP52
Tab	Optional
Gewicht [g]	30
Information related to	@12V / 20°C

Hardware

PIC 24HJ64GP504

Pin Configuration

PIN1	LIN2
PIN2	KL30_2 Power Supply
PIN3	LIN1
PIN4	15 Dig. 0-32V
PIN5	87a_OUT Digital Output
PIN6	GND Ground KL 31
PIN7	CAN_H CAN Bus high
PIN8	87_OUT Digital Output
PIN9	CAN_L CAN Bus low

Materials

Flat plug	A6,3X0,8 DIN 46 244 CuZn 37 F37 A2,8X0,8 DIN 46 244 CuZn 37 F37
Housing material	PA6GF

article number

GTW.300.900.00

Ordering Information

Gateway CAN / LIN

view



Important characteristics

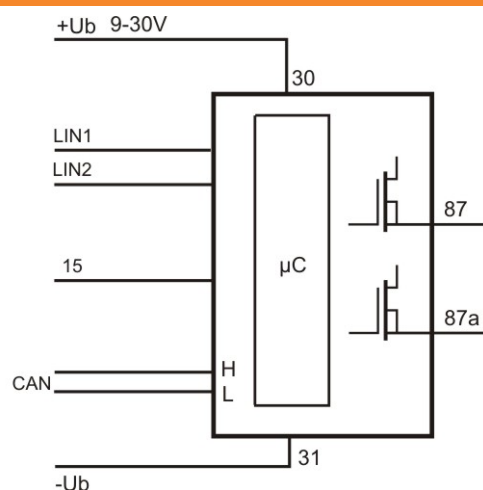
Connection with 2 LIN: 1 master and 1 slave + CAN.2 outputs up to 2A per output1 input (KL15, option for self-holding or low current HS/LS)

- Digital outputs (highside) Load current: max. 2A

- PWM outputs PWM frequency: max. 500Hz Duty cycle: 0...100% Load current: max. 1 A

Optional terminal 15: High Side / Low: Max 60mA

Schematic



dimensions

