

Technical data sheet

Load monitoring · LOCC-Box-GW

Gateway for LOCC-Box-Net versions

Input: LOCCbus (LIN)

Output: USB, RS 232, CANopen



Identification

Type	LOCC-Box-GW 7-6459
Part No.	716459

Product version

Datasheet version	01
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Input

Bus system	LOCCbus, base LIN
Access method	Single-Master - Multiple Slave
Bus technology	Line
Physical level	1-wire
Transfer rate	9600 Baud
Data rate	8 Bit + fixed parity
Transfer protocol	Modified multi-drop
Operation voltage range	DC 10–26.4 V
Reverse voltage protection	Yes

Communication internal

Participants	40, max. 254
Transfer rate	9600 Baud
Bus length	Max. 40 m

Output

Bus system	USB 2.0 Full-Speed, RS232, CANopen
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SYSTEMATIC TECHNOLOGY

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Transfer rate	USB: 12 Mbit/s RS232: 600–11500 bit/s CANopen: 10–1000 kbit/s
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General

Rated voltage U_N	DC 12/24 V
Rated current	Max. 50 mA
Status indication	LED 1 green/red: USB, RS232, Firmware LED 2 green/red: CANopen
Dimensions (w × h × d)	6.2 mm × 90.0 mm × 115.0 mm
Housing material	PA 6.6 (UL 94 V-0, NFF I2, F2)
Mounting	DIN rail mountable TS35 (EN 60715)
Installation position	Any
Degree of protection	IP20
Connection type	Spring terminal 0.14 mm ² – 2.5 mm ² (with ferrule 1.5 mm ²)
Weight/unit	0.06 kg
PU (units)	1

General ambient conditions

Operation temperature range	-25 °C ... +50 °C
Storage temperature range	-40 °C ... +85 °C
Relative air humidity	max. 90 % not condensing
Shock resistance	15 g acc. EN 60068-2-27

Certifications/Standards

Conformity	CE UKCA
Standards	EN 61000-6-2 EN 61000-6-4

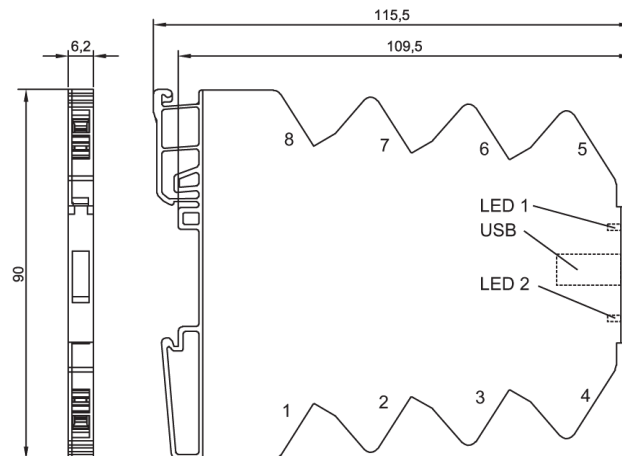
Equipment/Spare parts

Accessories	Labelling sign 4×11 mm, white: Part-No. 681313 BZT-0411 PU: 100 units Insulation plate, black RAL 9005: Part-No. 760809 TP 7-0809 MIC/SNR PU: 10 units Laser label A4 not punched, black RAL 9005: Part-No. 681031 LEB A4 PW PU: 10 units
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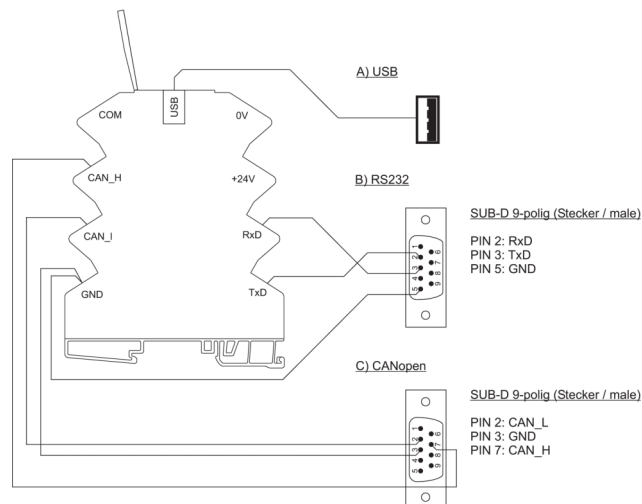
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Dimensions



PIN assignment



PIN assignment



Use

