

## Technical data sheet

### Load monitoring · LOCC-Box-GW

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#### Gateway for LOCC-Box-Net versions

Input: LOCCbus (LIN)

Output: USB, RS 232, CANopen



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#### Identification

Type	LOCC-Box-GW 7-6459
Part No.	<a href="#">716459</a>

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#### 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

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#### Communication internal

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

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#### Output

Bus system	USB 2.0 Full-Speed, RS232, CANopen
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Part No. [716459](#) • Datasheet version: 01

page 1 of 3



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

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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 <sup>2</sup> – 2.5 mm <sup>2</sup> (with ferrule 1.5 mm <sup>2</sup> )
Weight/unit	0.06 kg
PU (units)	1

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#### General ambient conditions

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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

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#### Certifications/Standards

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

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#### Equipment/Spare parts

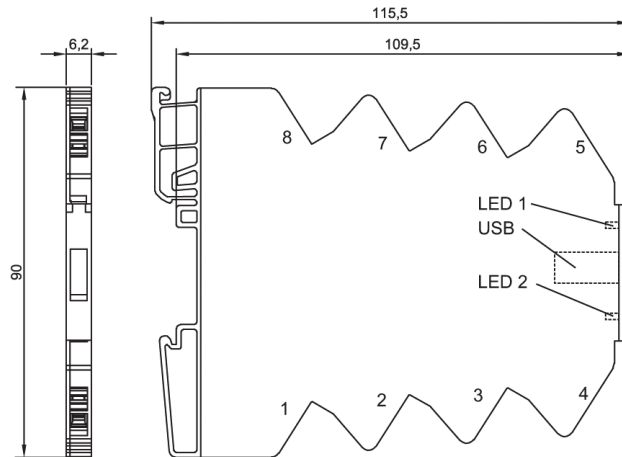
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<b>Accessories</b>	<b>Labelling sign 4×11 mm, white:</b> Part-No. 681313   BZT-0411   PU: 100 units <b>Insulation plate, black RAL 9005:</b> Part-No. 760809   TP 7-0809 MIC/SNR   PU: 10 units <b>Laser label A4 not punched, black RAL 9005:</b> Part-No.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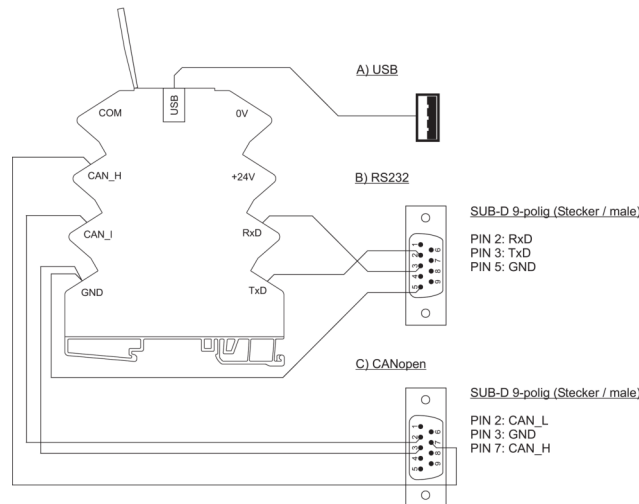
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### Dimensions



### PIN assignment



### PIN assignment



### Use

