



Identification	Type	LOCC-Box-GWEC 0-6456
	Part-No.	716456
Description		
	Gateway for LOCC-Box-Net versions	
	Input: LOCCbus (LIN)	
	Output: USB, EtherCAT	
Input		
Operation voltage range	10-32 V	
Reverse voltage protection	Yes	
Bus system	LOCCbus, basic LIN	
Access method	Single-Master - Multiple Slave	
Bus technology	Line	
Physical level	1-wire	
Participants	typ. 40, max. 64	
Bus length	Max. 40 m	
Transfer rate	9600 Baud	
Data rate	8 Bit + fixed parity (Bit 9)	
Transfer protocol	Modified multi-drop	
Output		
Bus system	USB 2.0 Full-Speed, EtherCAT	

25.08.2017 – Subject to technical modification

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Technical data sheet - Load monitoring

Transfer rate	USB: 12 Mbit/s EtherCAT: 100 bit/s (IEE 802.3)
Interface	USB: USB connector, Type B EtherCAT: IN, OUT, 2 × RJ45 female connector with galvanic isolation and LEDs

Communication internal

Participants	typ. 40, max. 64
Transfer rate	9600 Baud
Bus length	Max. 40 m

General

Rated voltage	DC 12/24 V
Rated current	55 mA @ 24 V
Status indication	LED L, red - flashing: EEPROM Error, EEPROM not charged LED R, green - shining: ECT Run LED E, green - shining: ECT Error LED C, green - flashing: data traffic with LOCC-Box-Net modules (LOCCbus) Link/Activity: green - 100Base/T-connection, flashes when there is EtherCAT-traffic Connect: yellow - Speed-LED, 100Base/T-connection
Insulation voltage	1.5 kV
Operation temperature range	-20 °C ... +60 °C
Storage temperature range	-40 °C ... +85 °C
Dimensions (w × h × d)	22.5 × 99.0 × 114.5 mm
Housing material	PA 6.6 (UL 94 V-0)
Mounting	DIN rail mountable TS35 (EN 60715)
Protection class	IP20
Installation position	any
Connection device	Spring terminal 0.14 mm ² – 2.5 mm ² (with ferrule 1.5 mm ²)
Relative air humidity	max. 90 % not condensing
Weight	0.130 kg/piece
Approvals	CE
Standards	EN 60950-1 EN 61131-1 EN 61131-2 EN 60898 EN 60947-4-1 EN 50081
PU	1 piece

Comments	Screw terminal on request
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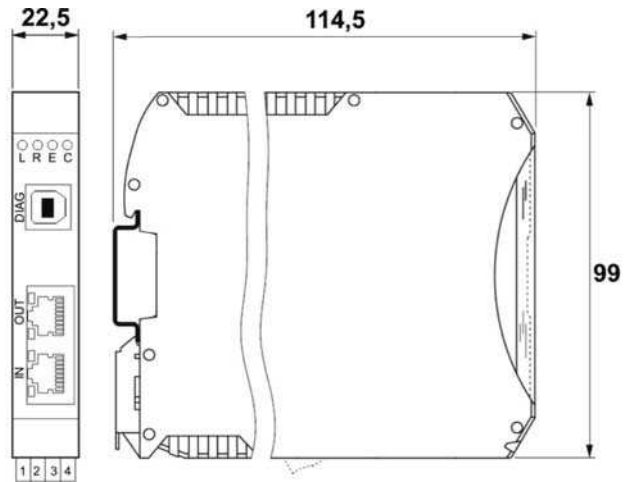
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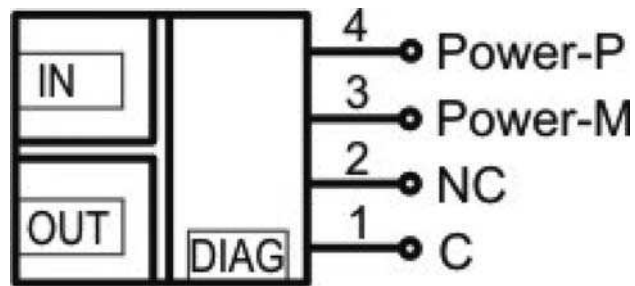
SYSTEMATIC TECHNOLOGY

Technical data sheet · Load monitoring

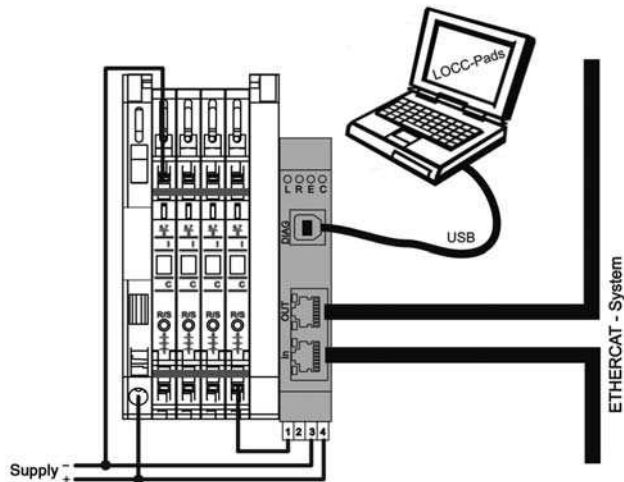
Dimensions



PIN assignment



Use



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