

Bus coupler



Identification	Type	LCOS-BC-PN
	Part-No.	778000.1401
Description	Bus coupler for LCOS CCI and LOCC-Box EtherCAT	
Attention		
Note	Bus/Power feed block 780740.575.1 also needs to be ordered.	
Field bus connection		
Fieldbus/Network systems	EtherCAT Slave acc. ETG.1300	
BUS physics	Ethernet	
Interface mechanical	Square connector 10-pin	
Transfer rate	100 Mbit/s	
Transmission standard	IEE 802.3, 100 Base-Tx	
Communication assemblies		
BUS physics	CANopen acc. to ISO 11898-1	
Bus termination	120 Ω internal	
BUS participants	max. 64 functional assemblies	
BUS topology	Line	

25.08.2017 – Subject to technical modification

Part-No. 778000.1401

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Technical data sheet - Load monitoring

Communication external LOCC-boxes

BUS physics	LIN
Bus termination	–
BUS participants	max. 80
BUS topology	Line
Interface mechanical	Plug-in spring terminal 2-pin, 0.2 – 2.5 mm ² (AWG 24 – AWG 12)

Communication LOCC-PADS

BUS physics	Ethernet acc. to IEEE 802.3 100 Base-Tx
Transfer rate	100 Mbit/s
Interface mechanical	RJ45 bush with galvanic isolation 1.5 kV

communication USB

BUS physics	USB specification 2.0
Transfer rate	480 Mbit/s (USB High Speed)
Interface mechanical	USB bush type B

Status indication

Status display communication	Power: red/green Maintenance: yellow RUN: green Error: red BC error: red IN LINK/ACT: green OUT LINK/ACT
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General

Rated voltage range	DC 20.4 V – 30.0 V
Power consumption	<5 W
Protection device	Reverse diode
Vibration resistance	4 g acc. to EN 60068-2-6
Shock resistance	20 g acc. to EN 60068-2-26
Insulation voltage input / output	AC 1.5 kV _{eff}
Installation position	any
Operation temperature range	-25 °C ... +55 °C
Storage temperature range	-25 °C ... +85 °C
MTBF	–
Relative air humidity	20 – 95 % RH, not condensing
Cooling	Air convection
Colour of the housing	RAL 7012 basalt grey
Housing material	PA 6.6 (UL 94 V-0, NFF I2, F2)

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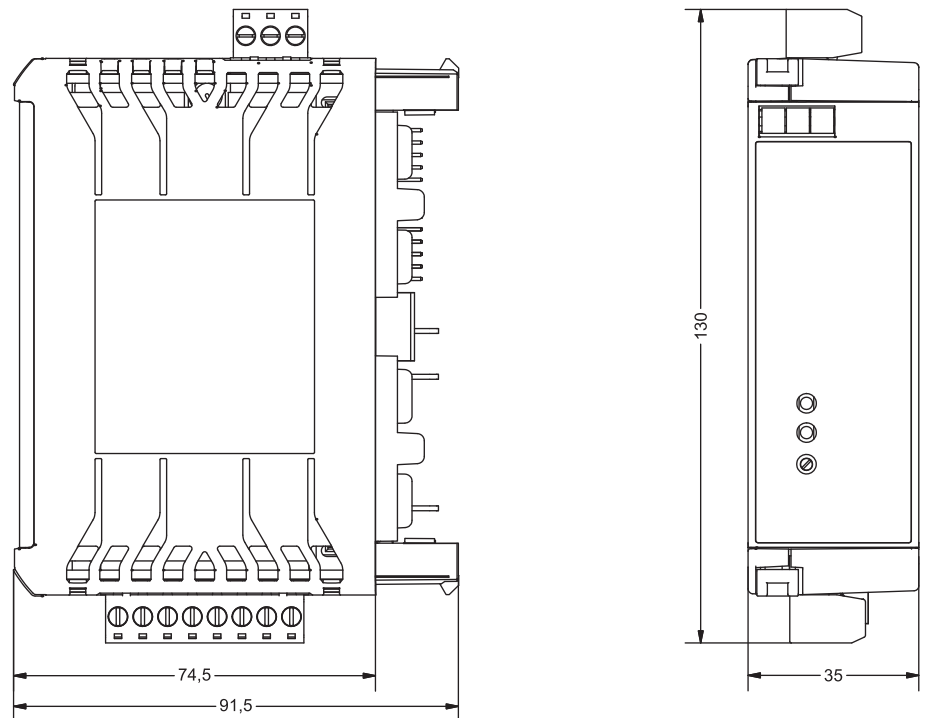


SYSTEMATIC TECHNOLOGY

Technical data sheet · Load monitoring

Mounting	plug-in on component 780730.575.1 57.5 mm (Accessories)
Application height	2000 m
Protection class	IP20
Approvals	cULus GL in preparation
Standards	UL 61010 EN 61131-2 EN 55016 EN 61000-4-2/3/4/5/6 EN 55011 EN 60721-3-3 EN 60068-2-1-42
Dimensions (w × h × d)	22.5 mm × 100.0 mm × 110.0 mm
Weight	0.250 kg/piece
PU	1 piece

Dimensions



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