

## Mounting Instructions

### Easylon PCI Interface<sup>+</sup>

Order Code: P.V1020x

#### WARNING NOTES



#### Electrostatic sensitive device!

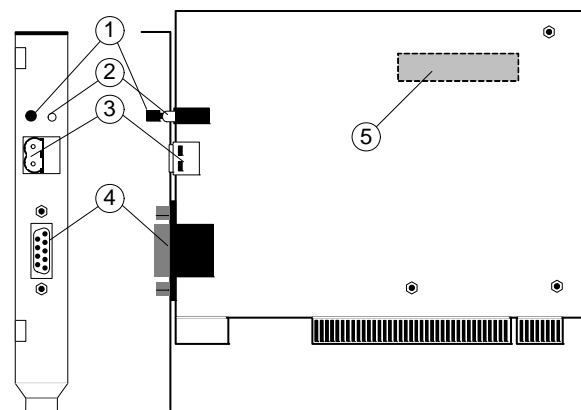
- Switch OFF the PC and disconnect power before you insert the card in a free PCI slot.
- Ensure a sufficient distance between interface card and other boards in the PC. Do avoid contact between PC boards.
- Ensure the grounding of the interface card via PC.

#### INSTALLATION

- The Easylon Interface is assigned some I/O port addresses on the PCI bus. The base address and also the interrupt will be set by the operating system itself.
- Switch OFF the PC and disconnect power before you mount the card in the PC!
- Mount the card to the PC according to the PC manufacturer's instructions.
- Switch on the power of the PC again.
- Install the driver from the Drivers & Documentation CD. Please follow the instructions given in the manual on the CD.

#### DESCRIPTION

The Easylon PCI Interface<sup>+</sup> is a plug-in interface card to connect PCI bus computers to the Lon-Works network. Variants with transceivers for TPT/XF, FTT, and EIA-485 networks are available.



- (1) Service button
- (2) Service LED
- (3) Screw-plug terminal  
(TPT, FTT variants only)
- (4) 9 pin D-type connector
- (5) Type sticker on rear side

TECHNICAL SPECIFICATION	
Network interface	ANSI/EIA 709-1 „LonTalk specification“
Transceiver	FTT-10, TPT/XF-78, TPT/XF-1250, EIA-485 (39 kbps), DC-1250
Connector option	- screw-plug terminal, - 9-pin D-type (female) - RJ45 instead of D-type - Phoenix instead of Weidmüller
Power supply	5 V from PC
Power consumption	typical 1.5 W
Temperature operat. storage	0 – +50 °C -20 – +60 °C
Humidity	class F (DIN 40040) no condensation
Dimension	127 mm x 107 mm
EMC emission immunity	EN 55 022 A/B EN 61 000-6-2

VARIANT TYPE IDENTIFICATION		
Order #	Type Code	Description
P.V10201	LVP.BAAAn	TPT/XF-78
P.V10202	LVP.CAAAn	TPT/XF-1250
P.V10203	LVP.DAAAn	EIA-485
P.V10204	LVP.AAAAn	FTT-10
P.V10205	LVP.EAAAn	DC-1250

CONNECTOR PIN ASSIGNMENT			
FTT, TPT/XF network connection			
Connector	Pin	Signal	Remark
9-pin D-type	1	Data	Data
	2	Data	Data
	3	—	
	4	—	
	5	—	
	6	—	
	7	—	
	8	—	
	9	—	
2-pin screw- plug terminal	1	Data	Data
	2	Data	Data

EIA-485 network connection			
Connector	Pin	Signal	Remark
9-pin D-type	1	—	
	2	—	
	3	DA-	Data
	4	SA-	RTS –
	5	—	
	6	+5 V	U+ supply vol- tage, electrically isolated
	7	0 V	U– supply vol- tage, electrically isolated
	8	DA+	Data
	9	SA+	RTS +