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DF PROFI II CPCI

Installation Instruction

V1.0

13.08.2002

Project No.: **4019**
Doc-ID.: **DF PROFI II CPCI-**

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Revision History

Version	Date	Description
V1.0	13.08.2002	Initial Version

Approval

Version	Quality Manager / Date	Project Manager / Date
V1.0	_____ (L. Merz)	_____ (_____)

Version	Customer Representative / Date
V1.0	_____

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1 Installation of the Board

The DF PROFI II PCI is a plug&play-compatible board. The configuration entirely takes place by means of the delivered software or the BIOS of your PC respectively. Thus, no jumpers or DIP-switch adjustments are necessary.

To mount the board, please proceed as follows:

please see also the operating instructions of your PC.

- Select a free CPCI slot.
- Plug the DF board into the determined slot. Pay attention to a proper adjustment of the board in the guidance (avoid canting !).
- Screw down the board.

Remark: When mounting, please follow the safety instructions for electronic modules against electrostatic charge.

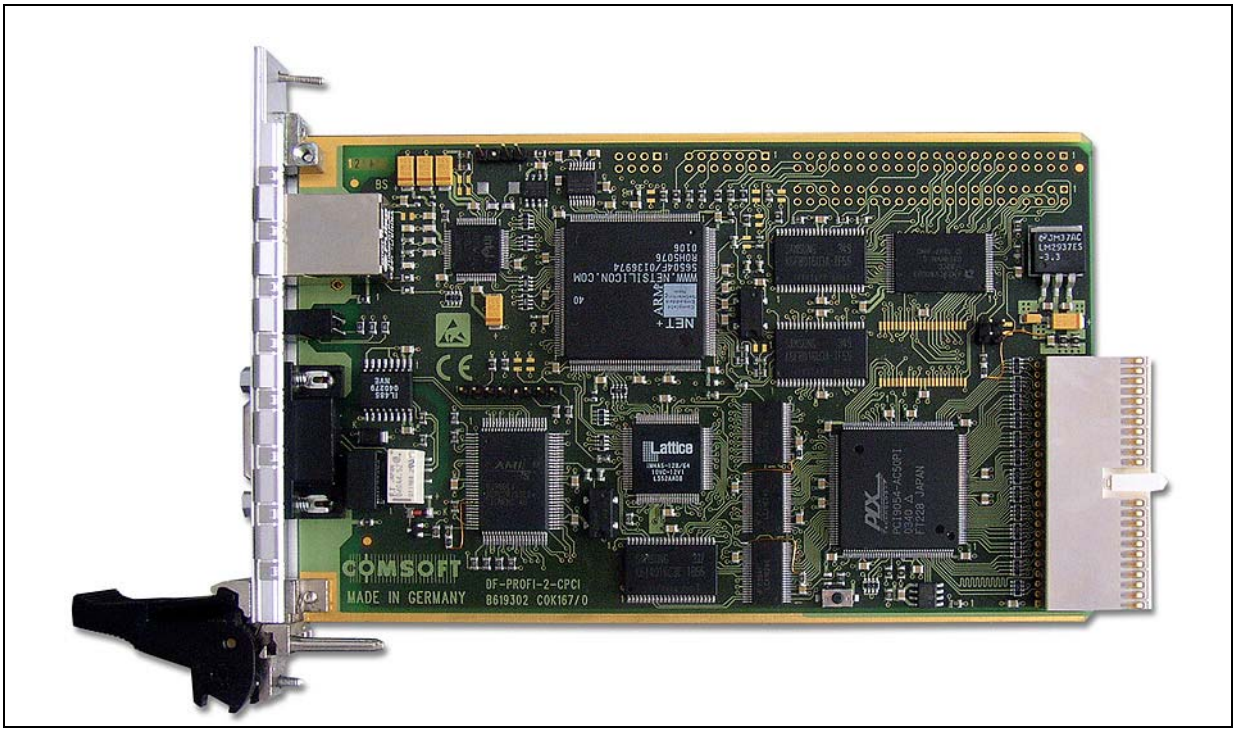


Figure 1: DF PROFI II CPCI - Board

2 Pin Assignment

Pin Number	Signal	Function	Direction
1	-	shielding	
3	RxD/TxD-P	Data+	Input/Output
5	0V (potential free 80 mA)	Feeding of bus terminator	Input
6	5V (potential free 80 mA)	Feeding of bus terminator	Output
8	RxD/TxD-N	Data-	Input/Output

Table 1: Pin Assignment

Remark: To assure correct operation of the PROFIBUS, a terminating resistor must be mounted at each bus end (Purchase No.: 4000-7-002-H).

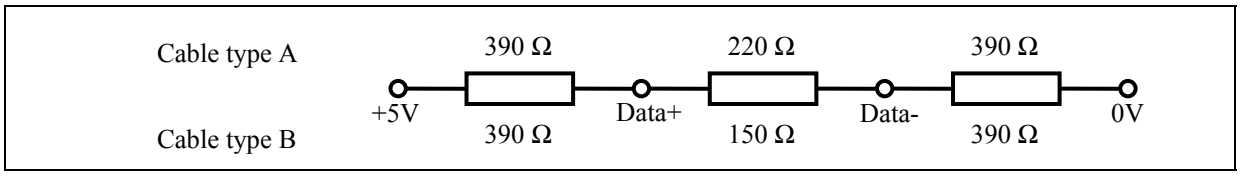


Figure 2: Profibus-Terminator

3 Technical Data

Processor	Net+Arm 40
Profibus controller	ASPC2
Supported protocols	DPV0 Master Class 1
	DPV1 Master Class 2
Clock pulse	33 / 48 MHz
Memory	1 Mbyte SRAM, 2 Mbyte Flash Memory
Interfaces	1
Interface physics	RS485 (isolated)
Data rates	9600 Bit/s – 1200 Kbit/s
PROFIBUS Isolation Voltage	500 VDC
Power consumption	+5V / 1100 mA
Dimensions	175 mm * 107 mm

Table 2: Technical Data

4 CE- Conformity Declaration

We herewith declare that the PC-interface

DF PROFI II CPCI

corresponds to the requirements stated in the
EU standards 89/336/EWG and 92/31/EWG.

The interface corresponds to the following standards:

EN 50082-1, EN 50082- 2 and EN 50081-1

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