

IBS PCCARD SC/I-T - Termination board



2724876

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Termination board in PC CARD format, with electrical isolation



Product description

INTERBUS Generation 4 controller board for PCs. An INTERBUS controller board is thus now available for notebooks and compact PCs or control systems. The module in the form of a PC card (PCMCIA) has a software interface compatible with IBS PC ISA SC/I-T and provides driver software for Windows 95 and NT operating systems. A driver for Windows 2000 is in preparation. Startup and service of INTERBUS systems can now be carried out simply with CMD and any notebook. The board cannot be operated in combination with other PC cards in the system. Even in conjunction with PC card extensions (CardWare, CardManager, CardExecutive,...) malfunctions can occur. This behavior has been eliminated in Windows 2000.

Commercial data

Item number	2724876
Packing unit	1 pc
Note	Made to order (non-returnable)
Sales key	DR14
Product key	DREABA
GTIN	4017918148904
Weight per piece (including packing)	129 g
Weight per piece (excluding packing)	129 g
Customs tariff number	84733020
Country of origin	DE

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Technical data

Product properties

Product type	PC controller board
Type	PC card
Set comprises	2729211 IBS PCCARD SC SYSKIT 2729224 IBS PCCARD SC SYSKIT E
Format	PCMCIA Type 2

System properties

Control system	IBM-compatible PCs with PCMCIA slot
Operating system	Windows NT
	Windows 2000
	Windows XP
	Further types on request

Addressable areas

I/O	2 bytes I/O, PnP
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INTERBUS-Master

Amount of process data	max. 4096 bit (INTERBUS-Master)
Number of devices with parameter channel	max. 62

Function

Function block	Diagnostics
	IO exchange
	PCP
	NV-RAM
	directs I/Os

Local diagnostics

Designation	HF, PF, BSA, FAIL, RUN/RDY
Monitored function	INTERBUS
Optical representation	Status display via LED

Functionality

Control system	IBM-compatible PCs with PCMCIA slot
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System requirements

Configuration tool	CMD from version 4.5x
Diagnostics tool	DIAG+ from version 1.0x
Application interface	HLI
	OPC
	DDI
Driver	Windows NT
	Windows 2000

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	Windows XP
	Further types on request

Electrical properties

Local diagnostics	HF, PF, BSA, FAIL, RUN/RDY INTERBUS Status display via LED
Transmission medium	Copper
Maximum power dissipation for nominal condition	max. 1.75 W

Supply

Supply voltage	5 V DC
Supply voltage range	± 5 % (including ripple)
Power supply connection	Via PCMCIA interface
Typical current consumption	0.35 A

Interfaces

Interrupts	1 IRQ, PnP
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INTERBUS remote bus

Connection method	9-pos. D-SUB female connector, with electrical isolation
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Parameterization/operation/diagnostics

Connection method	RS-232-C, 6-pos. RJACK 11 (Western plug)
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Host system

Connection method	IBM-compatible PCs with PCMCIA slot, from 68 pin, from 386 SX processor
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Dimensions

Width	53 mm
Depth	125 mm

External dimensions

Width / Height / Depth	125 mm / 53 mm /
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Environmental and real-life conditions

Ambient conditions

Degree of protection	IP00
Ambient temperature (operation)	-25 °C ... 75 °C (acc. to EN 60204-1)
Ambient temperature (storage/transport)	0 °C ... 75 °C (acc. to EN 60204-1)
Permissible humidity (operation)	75 % (on average, 85% infrequently, non-condensing)
Air pressure (operation)	860 hPa ... 1080 hPa (up to 2000 m above sea level)
Air pressure (storage/transport)	660 hPa ... 1080 hPa (up to 3000 m above sea level)

Mounting

Mounting type	In the host system
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Environmental product compliance

EU REACH SVHC

REACH candidate substance (CAS No.)	
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	No substance above 0.1 wt%
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Phoenix Contact USA
586 Fulling Mill Road
Middletown, PA 17057, United States
(+717) 944-1300
info@phoenixcon.com