

# IBS PCI SC/I-T - Termination board



2725260

<https://www.phoenixcontact.com/us/products/2725260>

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PCI master controller board with electrical isolation



## Your advantages

- Access to high-level language applications via HFI
- INTERBUS parameter channel (PCP) supported
- Access to INTERBUS system data and controller data via visualization stations
- Compatible driver
- Parameterization and diagnostics with Diag+
- Installation of several cards in a PC with monitoring of multiple INTERBUS lines
- External 24 V DC power supply

## Commercial data

Item number	2725260
Packing unit	1 pc
Minimum order quantity	1 pc
Sales key	DR14
Product key	DREABA
Catalog page	Page 54 (C-6-2019)
GTIN	4017918185121
Weight per piece (including packing)	166.2 g
Weight per piece (excluding packing)	126.1 g
Customs tariff number	84733020
Country of origin	DE

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## Technical data

### Notes

General	From item revision 15, the controller board will no longer be equipped with a NVRAM (Non-Volatile Random-Access-Memory) due to component discontinuation. The fundamental functionality of the controller board is not affected. In applications that access the NVRAM, applicative countermeasures will have to be taken.
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### Product properties

Type	PC card
Product type	PC controller board
Set comprises	2732981 IBS PCI SC SYSKIT 2732994 IBS PCI SC SYSKIT E
Format	Short plug-in card, 1-slot

### System properties

Control system	IBM-compatible PCs with PCI slot
Operating system	Windows NT Windows 2000 Windows XP Windows 7 (64 bit) Windows 8/10 (32 & 64 bit) Venturcom RTX 5.x Further types on request

### Addressable areas

I/O	16 bytes I/O, PnP
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### INTERBUS-Master

Number of devices with parameter channel	max. 126
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### Local diagnostics

Designation	SC, HF, PF, BSA, FAIL
Monitored function	INTERBUS
Optical representation	Status display via LED

### Functionality

Control system	IBM-compatible PCs with PCI slot
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### System requirements

Configuration tool	CMD from version 4.5x Config+ from version 1.00 onwards
Diagnostics tool	DIAG+ from version 1.0x
Application interface	HFI DDI

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Driver	Windows NT
	Windows 2000
	Windows XP
	Windows 7 (64 bit)
	Windows 8/10 (32 & 64 bit)
	Venturcom RTX 5.x
	Further types on request

## Electrical properties

Local diagnostics	SC, HF, PF, BSA, FAIL INTERBUS Status display via LED
Transmission medium	Copper
Maximum power dissipation for nominal condition	max. 3.5 W

### Supply

Supply voltage	5 V DC
Supply voltage range	± 5 % (including ripple)
Power supply connection	Via PCI bus
Typical current consumption	0.7 A

## Input data

### Digital

Input name	Digital inputs
Number of inputs	6 (EN 61131-2 type 1)
Connection technology	FLK cable connector (14-pos.)
Nominal input voltage $U_{IN}$	24 V DC

## Output data

### Digital

Output name	Digital outputs
Connection technology	FLK cable connector (14-pos.)
Number of outputs	2
Output voltage	24 V DC
Maximum output current per channel	0.5 A
Output name	Digital outputs
Connection technology	FLK cable connector (14-pos.)
Number of outputs	2
Output voltage	24 V DC
Maximum output current per channel	0.5 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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Transmission speed	500 kbps
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## Parameterization/operation/diagnostics

Connection method	RS-232-C, Mini-DIN female
Transmission speed	500 kbps 500 kbps 2 Mbps

## Host system

Connection method	PCI bus, 32 bit, 33 MHz, 5 V
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## Direct I/Os

Connection method	14-pos. FLK pin strip
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## Dimensions

Width	168 mm
Height	107 mm
Depth	20 mm

## External dimensions

Width / Height / Depth	168 mm / 107 mm / 20 mm
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## Environmental and real-life conditions

### Ambient conditions

Degree of protection	IP20 (Must be installed in a device with IP20)
Ambient temperature (operation)	0 °C ... 55 °C (acc. to EN 60204-1)
Ambient temperature (storage/transport)	-25 °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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