2730080

Industrial automation components

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Manufacturer	Phoenix Contact
Catalog number	2730080
Category	Industrial automation components
Product type	Industrial automation components
Status	Active product

Technical specification

Product Type	Termination Board
Control System	PCI Bus
Operating Systems	Windows NT, Windows 2000, Windows XP, Windows 7 (64 bit), Venturcom RTX 5.x
Maximum Process Data	8192 bit (INTERBUS-Master), 256 bit (INTERBUS-Slave)
Maximum Number of Devices	512 (total), of which 254 are remote bus devices/bus segments
Maximum Number of Devices with Parameter Channel	126
Power Consumption	4.1 W (typical)
Supply Voltage	5 V DC, 24 V DC (external, environment class 1)
Supply Voltage Range	18.5 V DC ... 30.2 V DC (including ripple (0.5 Vpp))
Typical Current Consumption	0.8 A
Interrupts	1 IRQ, PNP

Description

The Phoenix Contact 2730080 IBS PCI SC/RI/I-T is a termination board designed for integrating master and slave functions within a single controller board, optimizing space and cost efficiency. This system coupler is tailored for PCs equipped with a PCI bus, facilitating seamless control functions in lower-level INTERBUS systems while maintaining an uninterrupted link to higher-level systems.

Automation Trader
960 Capability Green
Luton, Bedfordshire LU1 3PE
VAT ID: PL6463009354
REGON: 527345886
DUNS: 427734105
BDO: 000726360

Phone
+44 7418 359 399

Email
info@automationtrader.com

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A typical application includes internal robot control via a PC, concurrently connecting to the system network. The board is compatible with INTERBUS Generation 4 PC controller boards, such as the IBS PCI SC/I-T, supporting configuration, parameterization, and diagnostics through the INTERBUS CMD software.

Additionally, it allows for the connection of an external 24 V DC power supply to ensure continuous operation of the higher-level INTERBUS system.

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