CP-132UL-I-V2

ZP3 Series - ZP3 RS485 Interface Card For Pc Connection To ZP3 Network

Overview

The Z-PCRS485-2 is a universal PCI board which is designed for industrial automation applications that require a long distance, multi-point, PC-based data acquisition solution. Which makes it very suitable for use with the ZP3 fire panel network.

On-chip Automatic Data Direction Control

RS-485 communication requires precise timing control to enable and disable the line driver. The Moxa Turbo Serial Engine™ chip that powers the Z-PCRS485-2 board comes with on-chip ADDC®, which makes RS-485 as easy to use as RS-232.

RS-485 multidrop up 1.2 km

The Z-PCRS485-2 universal PCI boards have 2 RS-422/485 serial ports, each of which can achieve data rates up to 921.6 Kbps. In RS-485 mode, the board can connect up to 31 daisy-chained RS-485 devices within a range of 1.2 km. It also comes with 2 KV optical isolation protection to prevent equipment damage.



Details

- Over 800 Kbps data throughput for top performance
- 921.6 Kbps maximum baudrate for super fast data transmission
- ADDC® provides automatic data direction control for RS-485 signals
- Transmit data up to 1.2 km with RS-422/485
- 128-byte FIFO and on-chip H/W, S/W flow control
- Compatible with 3.3/5V PCI and PCI-X
- 15 KV ESD protection on the board

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Technical specifications

General

Compatibility	ZP3 control panel network

Physical

Form factor	Tragbar / PDA / Handgerät
Physical dimensions	120 x 64,5 mm (H x W)
Mounting type	32 bit Universal PCI, Eingesetzt

Environmental

Operating temperature	0 to +55ºC
Relative humidity	5 to 95%, noncondensing

Model No

	Z-PCRS485-2

External connection

	DB25 female

Number of ports

	2

Serial Line Protection

	ESD Protection: 15 KV on the board

Baudrate

	50 to 921.6 Kbps

As a company of innovation, Kidde Global Solutions reserves the right to change product specifications without notice. For the latest product specifications, visit firesecurityproducts.com online or contact your sales representative.

Last updated on 29 April 2024 - 11:16