CP-132EL-I

ZP3 Series - Accessory - RS485 Interface Card For Pc Connection To ZP3 Network - Pci Express

Overview

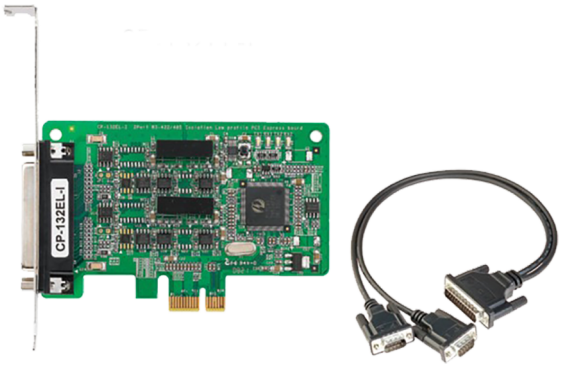
The Z-PCRS485-2 is a universal PCI board which is designed for industrial automation applications that require a long distance, multi-point, PC-based data acquisition solution. Which makes it very suitable for use with the ZP3 fire panel network.

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
Connectivity	DB25 female, 2 x DB9
Communication ports	2

Physical

Form factor	PCB
Physical dimensions	PCB: 120 x 64.5 mm (H x W)
Mounting type	32 bit Universal PCI, Insert, Screw / bolt mount

Environmental

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

Model No

	Z-PCRS485-2

Serial Line Protection

	ESD Protection: 15 KV on the board

Baudrate

	50 bps 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.

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