

CP-132EL-I

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

Overview

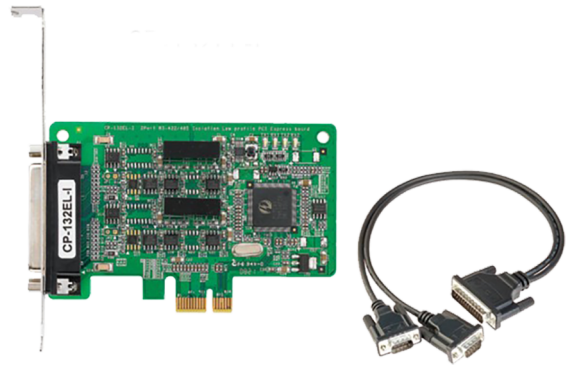
The Z-PCRS485-2 is a universal PCI board which is designed for industrial automation applications that require a long distance, multi-point, PC-based data acquisition solution. Which makes it very suitable for use with the ZP3 fire panel network.

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

Physical

Form factor	PCB
Mounting type	Insert, Screw mount

Model No

Z-PCRS485-2

Compatibility

ZP3 control panel network

External connection

DB25 female

Number of ports

2

Serial Line Protection

ESD Protection: 15 KV on the board

Baudrate

50 bps to 921.6 Kbps

Mounting

32 bit Universal PCI

Temperature range

0°C to +55°C

Humidity range

5 to 95% RH (non condensing)

Dimensions

PCB 120mm (H) x 64,5mm (W)



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