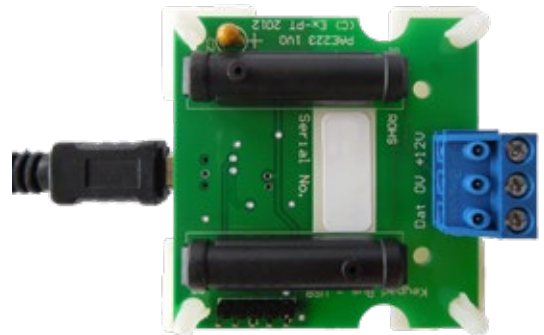# USB to Keypad Bus Converter

PAE223

Overview:

The PAE223 USB to Keypad Bus Converter gives an optically isolated connection and voltage level translation between the Z-Series keypad bus and a standard USB port. A convertor is required in order to control JVA Z-Series Energisers or Monitors via a PC running Perimeter Patrol software. The PAE223 USB to Keypad Bus converter is also the hardware required to use the Pakton Firmware Flash Utility (Bootloader)[1]

Benefits:

- Provides approximately 10kV isolation to protect the PC against stray electric fence voltages or lightning surges.
- No extra power supply required. Powered from the Z-Series Energiser Keypad bus and PC.
- Designed to fit inside a Z-Series Energiser Enclosure.
- Also available in an IP4x Enclosure (Part No. PTE0232).

Specifications:

Connection	USB In: Keypad Bus Out: ICSP Out:	Mini-B Connector 3 way screw terminal 5 pin IDC header cable Female/Female
PCB Size	Height: Width: Depth:	55 mm 55 mm 18 mm
Enclosure Size	Height: Width: Depth:	65mm 65mm 28mm
Weight	Product: Product: Packed:	25g (No enclosure) 65g (with enclosure) 70g (with enclosure)

For more information:

See the Website at: http://www.jva-fence.com.au

See also:
- PAE100 - Keypad Bus to RS485

[1]See <<Pakton Firmware Flash Utility Manual>> for more details

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System Diagram: