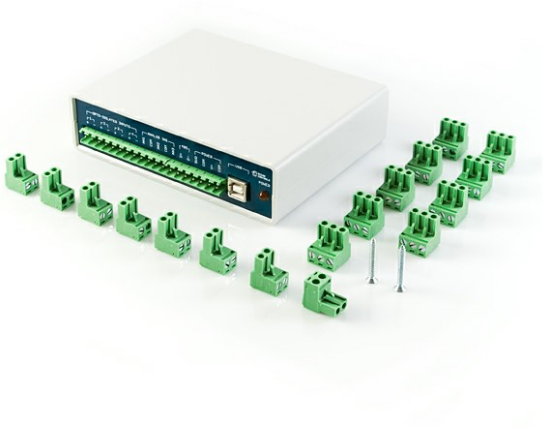




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KTA-223 USB/RS485 Relay IO Board

DEV-09526 ROHS

1

DESCRIPTION FEATURES DOCUMENTS

- 8 Relay Outputs 5A 250VAC
- 4 Opto-Isolated Inputs 5-30VDC
- 3 Analog Inputs (10 bit)
- Connections via Pluggable Screw Terminals
- 0-5V or 0-20mA Analog Inputs, Jumper Selectable
- 5A Relay Switching
- Power Indicator LED
- All enclosed in Professional looking plastic case
- Arduino Compatible
- Accepts Arduino Shields (Ethernet / XBee)
- USB Virtual COM or RS485 Input
- Easily connect multiple units far apart by RS485
- Updated firmware - fixes a bug with the Relay Status command (status of wrong relay was reported)

KTA-223 USB/RS485 Relay IO Board Product Help and Resources

SKILLS NEEDED

Core Skill: DIY

Whether it's for assembling a kit, hacking an enclosure, or creating your own parts; the DIY skill is all about knowing how to use tools and the techniques associated with them.

Skill Level: Noob - Basic assembly is required. You may need to provide your own basic tools like a screwdriver, hammer or scissors. Power tools or custom parts are not required. Instructions will be included and easy to follow. Sewing may be required, but only with included patterns.
See all skill levels

Core Skill: Programming

If a board needs code or communicates somehow, you're going to need to know how to program or interface with it. The programming skill is all about communication and code.

Skill Level: Rookie - You will need a better fundamental understand of what code is, and how it works. You will be using beginner-level software and development tools like Arduino. You will be dealing directly with code, but numerous examples and libraries are available. Sensors or shields will communicate with serial or TTL.
See all skill levels

Core Skill: Electrical Prototyping

If it requires power, you need to know how much, what all the pins do, and how to hook it up. You may need to reference datasheets, schematics, and know the ins and outs of electronics.

Skill Level: Competent - You will be required to reference a datasheet or schematic to know how to use a component. Your knowledge of a datasheet will only require basic features like power requirements, pinouts, or communications type. Also, you may

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need a power supply that?s greater than 12V or more than 1A worth of current.
See all skill levels

COMMENTS 14 | REVIEWS ★★★★★ 1

Customer Reviews

★★★★★ 5 out of 5

Based on 1 ratings:

5 star		1
4 star		0
3 star		0
2 star		0
1 star		0

Currently viewing all customer reviews.

★★★★★ **Very useful for any electronics lab or manufacturing facility**

about 2 years ago by Member #769337 ✔ verified purchaser

This is a great little device to have around for automating all sorts of things: from quickly building manufacturing test rigs to one off lab tests.

With schematics, source code and a well written manual online I wrote my code while waiting for it to arrive. Configured their addresses and everything just worked without any issue.

The fact that they can be daisy chained via RS-485 is a great plus for larger setups. The only concern I would have is that there is no hardware flow control employed so it is important that host software properly pace command sequences. However at 9600bps it seems to operate reliably.

START SOMETHING.

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In 2003, CU student Nate Seidle blew a power supply in his dorm room and, in lieu of a way to order easy replacements, decided to start his own company. Since then, SparkFun has been committed to sustainably helping our world achieve electronics literacy from our headquarters in Boulder, Colorado.

No matter your vision, SparkFun's products and resources are designed to make the world of electronics more accessible. In addition to over 2,000 open source components and widgets, SparkFun offers curriculum, training and online tutorials designed to help demystify the wonderful world of embedded electronics. We're here to help you start something.

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