




The USB Automation Board offers a powerful, universal solution for control and test tasks. Its modular architecture and numerous customizable features make it the perfect choice for testing control units:

- **Versatile switching functions** – Two different relay types enable switching of both larger and smaller currents.
- **Safety and control** – Integrated fuses protect the board, while LED indicators signal the status of the relays and fuses.
- **Integrated measurement functions** – The microcontroller enables voltage and current measurements as well as remote control of the board.
- **Maximum flexibility** – Digital inputs, PWM functionality and optional display connection open up a whole host of options for customized solutions.
- **Expandable and linkable** – The modular architecture enables extensions with additional relay boards or integration into the CAN bus.
- **Fast connection** – Screw terminals enable simple cabling, no special tools required!

Powerful functions for flexible automation

<p>4 high current channels - E.g, terminal 30 of 4 control devices - Voltage and current measurement</p>		<p>2 low current channels - E.g., for Ethernet wake-up or sense cables</p>
<p>Integrated fuses - Board self-protection</p>		<p>Extension options: 6 x digital input, 3 x PWM relay extension for up to 18 channels 1 x CAN-FD Display</p>
<p>Screw terminals for easy, fast cabling</p>		<p>LEDs - Indicate the state of relays and fuses</p>



PC control

The Automation Board is connected via USB to a PC or Raspberry pi, for example, which can then be used to control it:

- Robust communication via serial interface
- Simple protocol: Optimization of test sequences through rapid integration into test automation software
- PWM functionality: Ideal for Ethernet wake-up pulse and numerous other applications
- Arduino firmware available in source code: Utilize this flexibility to customize your projects.

How you can benefit

- Remote control
- Cost-efficient
- Flexible use
- Modular structure
- Data analysis
- Open design for flexible physical integration
- Component variant for front panel mounting also available

Streamline your processes and increase efficiency by simply integrating the USB Automation Board into your test automation environment!

Please feel free to contact us for further information:

Areus GmbH
Einsteinstraße 13
71083 Herrenberg
Germany

☎ +49 (0)7032 32098-980
📠 +49 (0)7032 32098-829
✉ sales@areus.de

www.areus.de

