ArduiBox Open 2.x

DIN rail / cap rail enclosure set for Arduino

Features enclosure and prototyping board:

- milled cab rail enclosure (6 modules)
- for EN50022 DIN rails
- prototyping plate - fits perfectly in the enclosure
- 1x 2-pin terminal block for power supply
- 4x 3-pin terminal blocks for general purpose
- sockets for the Arduino
- sockets for an optional Shield
- Breadboard area
- optional reset button (reachable via openings in the cover)
- pcb contains a layout for a voltage 5V/1.5A regulator
- removable protections for terminals
- transparent lid or grey lid
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Enclosure:
- Outside dimensions: 105mm x 90mm x 65,3mm (W x H x D)
- Breadboard area: 42mm x 40mm (W x H)
- Material: ABS V0
- Finish top shell: light grey
- Finish bottom shell: light grey

Features optional voltage regulator:
- Input voltage: 9 – 30V DC
- Output voltage: 5V DC / 1.5 DC

Compatibility:
- UNO
- ZERO
- Leonardo
- WiFi rev. 2
- Yun rev. 2
- NANO
Applications:

- Home automation
- Industrial control
- Door access and door control
- Temperature controls
- Education
- Internet of Things (IoT)
- Industry 4.0

Part number table:

<table>
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<tr>
<th>Part-No.</th>
<th>Version</th>
<th>Features</th>
</tr>
</thead>
<tbody>
<tr>
<td>ABXOPB</td>
<td>Basic</td>
<td>- transparent lid</td>
</tr>
<tr>
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<td></td>
<td>- without parts for voltage regulator</td>
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<tr>
<td>ABXOPS</td>
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Features main board:

1. Terminal for power supply
2. Bterminals for general purpose
3. sockets for optional shield
4. sockets for Arduino
5. optional voltage regulator parts
6. soldering jumper for basic kit
7. optional reset button
8. optional ISP connector for Arduino
9. Breadboard / proto board area
Different ways for power supply of ArduiBox:

1.) Via the USB socket of the Arduino (5V DC from USB port)

2.) Via the DC socket of the Arduino (9...12V DC)

3.) Via the terminal K9 (9...12V DC) for **basic version** only:

   ![Bridge Jumper J3 with solder](image)

   Note: J3 will connect K9 directly with the Vin of your Arduino

4.) Via the terminal K9 (9...35V DC) **for standard version** only:

   ![Bridge Jumper J3 with solder](image)

   Note: With assembled voltage regulator only. Leave J3 open in this case!