PS-B series

Specially for transformer & voltage regulation equipment

Specialized design of voltage regulator and voltage transformation, changing from 3 phase 380V to 3 phase 220V at capacity between 12 and 15 KVA. The equipment is most suitable for matching with precision machine for export. Control and mechanism of PS series Intelligent model has the function of voltage transformation, voltage regulation, warning and protection.

Feature:

- Start over voltage protection
- Big range high/low voltage protect device
- Humanized anti-mistake circuit design
- Intelligent logic voltage regulation design
- Innovative panel design
- Electronic double-circuit On/Off design
- Dip-switch protection setting
- Double over-current protection design
- Separated voltage regulation design
- Self-detecting function
- Instant tripping protection device
- Module design
- Phase loss protection
- Short circuit protection

※ Application:

- EDM
- Grinding Machine
- WEDM
- Integrated Processing Machine
- Milling Machine
- AI Component Inserting Machine
Including 3 phase time-series inching, self-detection, multiple layer big range setting and high / low voltage protection.

Output and input wires are wired from middle and up to left and right and fixed with cable fastener to form firm wiring.

In addition to NFB, there is device preventing output overload and incorporated with bypass protection function.

Individual indicator for each of 3 phase and high / low voltage and normal indicators, including fools proof double circuit switch forming a most humanized design.

Incorporated with top grade NF type High-Voltage resistance No-Fuse Breaker with precise overload tripping function.

Model & Specification:

<table>
<thead>
<tr>
<th>Model No. (PS-B)</th>
<th>312NY</th>
<th>315NY</th>
<th>312YNY</th>
<th>315YNY</th>
</tr>
</thead>
<tbody>
<tr>
<td>Capacity</td>
<td>12KVA</td>
<td>15KVA</td>
<td>12KVA</td>
<td>15KVA</td>
</tr>
<tr>
<td>Input Voltage</td>
<td>3 φ 4W 220/380V</td>
<td>3 φ 3W 380V</td>
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<tr>
<td>Output Voltage</td>
<td>3 φ 4W 127/220V</td>
<td>3 φ 3W 220V</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Input Range</td>
<td>±15%</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Output Accuracy</td>
<td>≤1%</td>
<td></td>
<td></td>
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</tr>
<tr>
<td>Frequency</td>
<td></td>
<td>50/60Hz±5%</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Response Time</td>
<td>&lt;0.1 second</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Waveform Distortion</td>
<td>No distortion</td>
<td></td>
<td></td>
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</tr>
<tr>
<td>Power Factor</td>
<td>0.95~1</td>
<td></td>
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</tr>
<tr>
<td>Efficiency</td>
<td>≥98%</td>
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<tr>
<td>Overload</td>
<td>150% for 10 seconds</td>
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</tbody>
</table>

- **Protection**
  - High Voltage: Standard Feature (can be Various / Multi / Big range pre-set and LED displayed)
  - Low Voltage: Standard Feature (can be Various / Multi / Big range pre-set and LED displayed)
  - Phase Failure: Standard Feature (can be Various / Multi / Big range pre-set and LED displayed)
  - Overload: Standard Feature (input and output double protection)
  - Short Circuit: Standard Feature

- **Bypass**: Standard Feature

- **Indicators**
  - Power: Standard Feature
  - Voltage: Standard Feature
  - Abnormal: Standard Feature

- **Environment**: Temperature: 0℃~45℃  Humidity: 0%~95% RH (Non-Condensing)

- **Dimension WxHxD (cm)**: 36x63x58