Inverter INVB500 Bypass

Specifications

General
- Efficiency >88%
- Built-in static bypass
- Without 50 Hz transformer
- High-frequent switching
- Robust IGBT-end-stage
- Low output impedance
- 19”-plug-in case

Electrical safety
EN 60950, VDE 0805

Efficiency
>88% by nominal load

Galvanic isolation
3.75 kVdc

EMC (emission)
EN 50081-1
Curve EN 55022B

EMC (immunity)
EN 50082-2

Operating temperature
-5 to +45°C non condensing

Input DC
- INVB500-24: 24 (19-31) Vdc
- INVB500-48/60: 48/60 (38-72) Vdc
- INVB500-110: 110 (88-132) Vdc
- INVB500-220: 220 (178-264) Vdc

Output AC
- Voltage: 230VAC (115VA)
- Frequency: 50 Hz (60 Hz), sinewave processor controlled
- Output power: 0.5kVA / 400W
- Power factor: 0.8
- Load range: 0 - 100%
- Crestfactor: >2.5
- Harmonic distortion: <2%

Signals
- Visual: LCD dot matrix display
- Signal output: voltage free alarm contact

Operation
- push-button for setup,
- DC switch, AC switch

Warranty
- 24 months

Technical Features
Built-in static bypass-switch with voltage synchronization.

Switching time <10ms.

Order Code
- e.g. INVB500 - 48/60 - 230 - 1

Separate values by hyphen (-), append options where applicable

<table>
<thead>
<tr>
<th>Type</th>
<th>PVA</th>
<th>UIN</th>
<th>VOUT</th>
<th>Options</th>
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</thead>
<tbody>
<tr>
<td>INV</td>
<td>190</td>
<td>245</td>
<td>230</td>
<td>1, 2</td>
</tr>
<tr>
<td>INV</td>
<td>115</td>
<td>245</td>
<td>230</td>
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</tr>
</tbody>
</table>

Options:
1: 60Hz failure
2: Rear connectors

Picture may differ from actual device