Inverter INVB2000 Bypass

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

Specifications

**General**
- Electrical safety: EN 60950, VDE 0805
- Efficiency: >88% by nominal load
- Galvanic isolation: 3.75 kVdc
- EMC (emission): EN 50081-1
- EMC (immunity): EN 50082-2
- Operating temperature: -5 to +45°C non condensing

**Input DC**
- INVB2000-24: 24 (19-31) Vdc
- INVB2000-48/60: 48/60 (38-72) Vdc
- INVB2000-110: 110 (88-132) Vdc
- INVB2000-220: 220 (178-264) Vdc

**Output AC**
- Voltage: 230 Vac failure tolerance +/- 5%
- Frequency: 50 Hz, sinewave processor controlled
- Output power: 2 kVA / 1600W
- 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

**Housing**
- 19"-plug-in case
- Size: 3 U / 84 TE, 360 mm depth
- Weight: approx. 9.8 kg
- Classification: IP 20
- Ventilation: internal fan

**Electrical connections**
- Connectors: front (rear connectors upon request)
- DC IN: 3 high current terminal blocks 16 mm² (24, 48/60V), Phoenix Power Combicon (110, 220V)
- AC OUT: appliance outlet Schurter
- AC IN (bypass): appliance inlet Schurter
- Alarm: Phoenix Mini-Combicon

**Technical Features**
- Built-in static bypass-switch with voltage synchronization.
- Switching time <10ms.

**Order Code**
e.g. INVB2000 - 48/60 - 230 - 1

<table>
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<th>INV</th>
<th>Type</th>
<th>P / VA</th>
<th>UIN / VDC</th>
<th>UOUT / VAC</th>
<th>Options</th>
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Options:
1: 60Hz four
2: Rear connectors

Subject to change without notice.

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