Power Line Filters
Three Phase
High Performance

13-PDF/PDL/PDB Series

Features
- Excellent attenuation for high voltage impulse
- Effective for both balanced and unbalanced three-phase loads
- Metal case provides effective EMI shielding
- Epoxy molded for internal component reliability
- Compact and economical
- Excellent filtering characteristics for both normal and common mode
- Operating temperature: -40°C to +85°C
- Designed for 3-phase, 3-Delta connection system

Applications
- Digital equipment
- Industrial equipment (UPS, inverters and converters)
- Automation equipment
- Switching power supplies

Specifications

<table>
<thead>
<tr>
<th>Model</th>
<th>Rated Voltage (@ 50/60Hz)</th>
<th>Rated Current</th>
<th>Leakage Current (Max.)</th>
<th>Circuit Diagram</th>
<th>Figure</th>
<th>Temperature Rise (Max.)</th>
</tr>
</thead>
<tbody>
<tr>
<td>13-PDF-005-11-J</td>
<td>440/250VAC</td>
<td>5A</td>
<td>1.5mA</td>
<td>1</td>
<td>A</td>
<td>30°C</td>
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<td>10A</td>
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<td>13-PDF-010-11-J</td>
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<td>15A</td>
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<td>A</td>
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<td>30A</td>
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Note: Test Voltage 1500VAC one minute, line to ground.
Insulation Resistance: 300 MΩ min. at 500VDC.
Voltage Drop: 1V max. at rated current.
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Figure A

Common Mode

13-PDF-005-010; PDL-005-010 PDB-010

Insertion Loss (dB) vs Frequency (MHz)

Normal Mode

13-PDF-010-010 PDB-010

Insertion Loss (dB) vs Frequency (MHz)

Figure B

Figure C

Dimensions in inches (mm)