DAFTAR LAMPIRAN

Sistem kelistrikan pada Rumah Sakit Umum Daerah Muntilan
Spesifikasi Passive Filter

Product data sheet

**Characteristics**

**VV3A46105**

Passive filter - 30 A - 400 V - 50 Hz - for variable speed drive

### Main

- **Product or component type**: Passive filter
- **Product specific application**: Reduction of current harmonics

### Complimentary

- **Rating compatibility**:
  - Altegra (E)
  - Altegra (N)
  - Altegra Pro ATV600
  - Altegra Pro ATV700

- **U(n) rated supply voltage**: 400 V (±10 %)
- **Power supply frequency**: 50 Hz (tolerance: ±2 %)
- **Quantity per drive**:
  - 1 filter per drive for variable speed drive ATV600 motor: 15 kW / 20 hp
  - 1 filter per drive for variable speed drive ATV700 motor: 15 kW / 20 hp
  - 1 filter per drive for variable speed drive ATV700 motor: 15 kW / 30 hp
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- **[n] rated current**:
  - 30 A for input
  - 30 A for output

- **Temperature number of phases**
  - ±20 °C

- **Max current**:
  - 1.5 times rated current (duration = 60 s)

- **Efficiency**
  - >98 %

- **Thermal losses**: 22 W

- **Cooling**
  - Natural

- **Electrical connection**:
  - A, B terminal, connection capacity: 2.5 - 40 mm²

- **Electrical insulation class**: Class F

Air 1.3/2019

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<table>
<thead>
<tr>
<th>Specification</th>
<th>Details</th>
</tr>
</thead>
<tbody>
<tr>
<td>Product weight</td>
<td>26 kg</td>
</tr>
<tr>
<td>Environment</td>
<td>IP54 (enclosure mounting)</td>
</tr>
<tr>
<td>Vibration resistance</td>
<td>2 mm peak to valley (f = 5 - 150 Hz) conforming to EN 60068-2-6; 0.7 g (f = 13.2 ± 100 ± Hz) conforming to EN 60068-2-6</td>
</tr>
<tr>
<td>Relative humidity</td>
<td>5...95% without condensation</td>
</tr>
<tr>
<td>Ambient air temperature for operation</td>
<td>&gt; -45...50 °C with current derating 3% per °C; 0...40 °C without current derating</td>
</tr>
<tr>
<td>Ambient air temperature for storage</td>
<td>&gt; -18...38 °C degree in original packaging; &gt; -21...40 °C during transport</td>
</tr>
<tr>
<td>Operating altitude</td>
<td>&lt;= 1000 m without current derating; &gt; 1000...4500 m with current derating 5% per 1000 m</td>
</tr>
<tr>
<td>Standards</td>
<td>EN 60529-3-2; EN 60529-3-5; EN 60529-3-4; EN 60529-3-2; EN 60529-2-4; OSH engineering recommendation</td>
</tr>
</tbody>
</table>

Other Sustainability

- NRS (max code 11YWW) Compliant
- Schneider Electric declaration of conformity
### Dimensions

![Diagram of dimensions](image)

1. Front view
2. Right side view
3. Top view

Dimensions in mm

<table>
<thead>
<tr>
<th></th>
<th>A</th>
<th>B</th>
<th>C</th>
<th>D</th>
<th>E</th>
<th>F</th>
<th>G</th>
<th>H</th>
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<tbody>
<tr>
<td></td>
<td>247.5</td>
<td>232</td>
<td>300.85</td>
<td>426.11</td>
<td>340</td>
<td>305</td>
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Dimensions in in

<table>
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<th></th>
<th>A</th>
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<td></td>
<td>9.74</td>
<td>9.13</td>
<td>15.73</td>
<td>17.17</td>
<td>14.66</td>
<td>6.07</td>
<td>9.06</td>
<td>12.78</td>
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</tbody>
</table>
Mounting Recommendations

Vertical Mounting Only:
Recommended Schema
Harga Passive Filter

Aplikasi Power View Quality Analizer