## Features
- For LED Indoor Office & Retail Application
- 1-10V / PWM Dimming Function
- High Reliability & Long Life 50,000hrs
- Compact Size/ Optimized Performance
- Constant Current Design/ Low Inrush Current/ Low Ripple Current
- Wide Input Range for Worldwide use (up to 305Vac)
- Low energy consumption at standby
- Protections: Short Circuit / Over Voltage / Over temperature
- Class 2 power unit
- 100% Burn-in Test
- Safety: Meet IEC61347-2-13, UL8750 & EMI EN55015

### SPECIFICATION

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</thead>
<tbody>
<tr>
<td>FSP30-ZZAP(050)M</td>
<td>33W</td>
<td>24-50V</td>
<td>500mA</td>
<td>85%</td>
<td>120<del>277Vac / 47</del>63Hz</td>
<td>≥0.9</td>
<td>≤0.5ms</td>
<td>5A (cold start)</td>
<td>50,000 hours</td>
<td>-20℃~+45℃</td>
<td>20 ~ 95%RH</td>
<td>-40 ~ +85℃</td>
<td>0.01g² / Hz at 5 Hz sloping to 0.02g² / Hz at 20 Hz, and maintaining 0.02g² / Hz from 20 Hz to 500 Hz at a constant acceleration of 3.13g for 20 minutes per axis for all three axes</td>
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<tr>
<td>FSP30-ZZAP(060)M</td>
<td>33W</td>
<td>24-50V</td>
<td>600mA</td>
<td>86%</td>
<td>120<del>277Vac / 47</del>63Hz</td>
<td>≥0.9</td>
<td>≤0.5ms</td>
<td>5A (cold start)</td>
<td>50,000 hours</td>
<td>-20℃~+45℃</td>
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<td>0.01g² / Hz at 5 Hz sloping to 0.02g² / Hz at 20 Hz, and maintaining 0.02g² / Hz from 20 Hz to 500 Hz at a constant acceleration of 3.13g for 20 minutes per axis for all three axes</td>
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<tr>
<td>FSP30-ZZAP(070)M</td>
<td>33W</td>
<td>24-50V</td>
<td>700mA</td>
<td>88%</td>
<td>120<del>277Vac / 47</del>63Hz</td>
<td>≥0.9</td>
<td>≤0.5ms</td>
<td>5A (cold start)</td>
<td>50,000 hours</td>
<td>-20℃~+45℃</td>
<td>20 ~ 95%RH</td>
<td>-40 ~ +85℃</td>
<td>0.01g² / Hz at 5 Hz sloping to 0.02g² / Hz at 20 Hz, and maintaining 0.02g² / Hz from 20 Hz to 500 Hz at a constant acceleration of 3.13g for 20 minutes per axis for all three axes</td>
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<tr>
<td>FSP30-ZZAP(105)M</td>
<td>33W</td>
<td>24-50V</td>
<td>1050mA</td>
<td>88%</td>
<td>120<del>277Vac / 47</del>63Hz</td>
<td>≥0.9</td>
<td>≤0.5ms</td>
<td>5A (cold start)</td>
<td>50,000 hours</td>
<td>-20℃~+45℃</td>
<td>20 ~ 95%RH</td>
<td>-40 ~ +85℃</td>
<td>0.01g² / Hz at 5 Hz sloping to 0.02g² / Hz at 20 Hz, and maintaining 0.02g² / Hz from 20 Hz to 500 Hz at a constant acceleration of 3.13g for 20 minutes per axis for all three axes</td>
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<tr>
<td>FSP30-ZZAP(125)M</td>
<td>33W</td>
<td>24-50V</td>
<td>1250mA</td>
<td>88%</td>
<td>120<del>277Vac / 47</del>63Hz</td>
<td>≥0.9</td>
<td>≤0.5ms</td>
<td>5A (cold start)</td>
<td>50,000 hours</td>
<td>-20℃~+45℃</td>
<td>20 ~ 95%RH</td>
<td>-40 ~ +85℃</td>
<td>0.01g² / Hz at 5 Hz sloping to 0.02g² / Hz at 20 Hz, and maintaining 0.02g² / Hz from 20 Hz to 500 Hz at a constant acceleration of 3.13g for 20 minutes per axis for all three axes</td>
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Notes:
1. Data that didn’t mention is tested under 230Vac / 50Hz full load condition
2. Data at full load and rated voltage, 230Vac / 50Hz input, and 35℃ ambient temperature unless otherwise specified.
3. The ripple current must be measured under the condition of AC coupling & 20MHz bandwidth. (Rated input and rated output)
4. The power supply is considered as a component that will be operated in combination with final equipment. Since EMC performance will be affected by the complete installation, the final equipment manufacturers must re-qualify EMC Directive on the complete installation again.