Advanced Energy’s Artesyn 10 watt, class II, wall mount power supply provides a 5 V USB-A compatible output in a compact-size at low cost. It meets new European CoC v5 Tier 2 & US DoE Level VI energy saving requirements.

**SPECIAL FEATURES**
- Small size 44 x 39.5 x 25 mm excluding AC pins
- High average loading efficiency 79%
- USB connector output
- -10 ºC to +40 ºC operating temperature range
- Protections: overvoltage, overtemperature, overcurrent, short circuit
- Reinforced isolation 3000 Vac rms
- European CoC v5 T2 & US DoE VI Compliant
- EN60950-1 Safety Standard
- One year warranty

**SAFETY**
- cUL/UL 60950-1
- IEC/EN 60950-1
- IEC 62368-1
- CCC
- CE
- GS
- Designed to meet:
  - NOM-NYCE
  - SPRING
  - IRAM
  - C-Tick
  - NSW

**DATA SHEET**

<table>
<thead>
<tr>
<th>Total Power:</th>
<th>10 Watts</th>
</tr>
</thead>
<tbody>
<tr>
<td>Input Voltage:</td>
<td>100 - 240 Vac</td>
</tr>
<tr>
<td># of Outputs:</td>
<td>Single</td>
</tr>
</tbody>
</table>
ELECTRICAL SPECIFICATIONS

**Input**
- Input voltage range: 90 - 264 Vac (100 - 240 Vac nominal)
- Frequency: 47 - 63 Hz (50 / 60 Hz nominal)
- Input current (max): 300 mA
- Leakage current: 100 µA
- No load power: <75 mW

**Output**
- Maximum power: 10 W
- Output voltage: 5 V
- Hold-up time: 10 ms typical 115 Vac at full load

ENVIRONMENTAL SPECIFICATIONS

- Operating temperature: -10 °C to +40 °C
- Storage temperature: -40 °C to +85 °C
- Electromagnetic susceptibility: EM55022, FCC Part 15
- Humidity: Non-condensing 5% to 95% RH
- MTBF: >100,000 hours at full load and 25 °C ambient

ORDERING INFORMATION

<table>
<thead>
<tr>
<th>Model Number</th>
<th>Input Voltage Range</th>
<th>Output Voltage</th>
<th>Minimum Load</th>
<th>Maximum Load</th>
</tr>
</thead>
<tbody>
<tr>
<td>DA10-050US</td>
<td>90 - 264 Vac</td>
<td>5 V</td>
<td>0 A</td>
<td>2 A</td>
</tr>
<tr>
<td>DA10-050CH</td>
<td>90 - 264 Vac</td>
<td>5 V</td>
<td>0 A</td>
<td>2 A</td>
</tr>
<tr>
<td>DA10-050EU</td>
<td>90 - 264 Vac</td>
<td>5 V</td>
<td>0 A</td>
<td>2 A</td>
</tr>
<tr>
<td>DA10-050UK</td>
<td>90 - 264 Vac</td>
<td>5 V</td>
<td>0 A</td>
<td>2 A</td>
</tr>
</tbody>
</table>
AC PLUG CONFIGURATION FOR FIXED PLUG

<table>
<thead>
<tr>
<th>Country</th>
<th>Configuration</th>
</tr>
</thead>
<tbody>
<tr>
<td>U.S.</td>
<td>2-prong</td>
</tr>
<tr>
<td>China</td>
<td>2-prong CH</td>
</tr>
<tr>
<td>Europe</td>
<td>2-prong EU</td>
</tr>
<tr>
<td>UK</td>
<td>3-prong UK</td>
</tr>
</tbody>
</table>

U.S. 2-prong
China 2-prong CH
Europe 2-prong EU
UK 3-prong UK

MECHANICAL DRAWINGS - DA10-050 US

Note: All dimensions in mm.
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ABOUT ADVANCED ENERGY

Advanced Energy (AE) has devoted more than three decades to perfecting power for its global customers. AE designs and manufactures highly engineered, precision power conversion, measurement and control solutions for mission-critical applications and processes.

Our products enable customer innovation in complex applications for a wide range of industries including semiconductor equipment, industrial, manufacturing, telecommunications, data center computing, and medical. With deep applications know-how and responsive service and support across the globe, we build collaborative partnerships to meet rapid technological developments, propel growth for our customers, and innovate the future of power.

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