INPUT SPECIFICATIONS

Input Voltage Range ................. 90-264 VAC
Input Frequency .................... 47-63 Hz
Input Current .......................... 0.32A rms @ 115 VAC, 0.19A rms @ 230 VAC
Inrush Current ...................... 60A @ 240 VAC, 25°C cold start
Touch Current ...................... 100 µA max.
No Load Power Cons. ............... 0.075W max.

STANDARDS & COMPLIANCE

IEC/EN 60601-1-2:2014 .............. EMC & Immunity Performance
EN 55011, CISPR 11, FCC .............. Class B, conducted & radiated
EN 61000-3-2 ....................... Harmonic distortion, Class A
EN 61000-3-3 ....................... Line fluctuations & flicker
EN 61000-4-2 ....................... ESD, ±15 KV air and ±8 KV contact
EN 61000-4-3 ....................... Radiated immunity, 10V/m
EN 61000-4-4 ....................... Fast transient/burst, ±2 KV
EN 61000-4-5 ....................... Surge, ±1 KV diff., ±2 KV com.
EN 61000-4-6 ....................... Conducted immunity, 6 Vrms
EN 61000-4-8 ....................... Magnetic field immunity, 30A/m
EN 61000-4-11 ...................... Voltage dip immunity,
                              30% reduction for 500ms,
                              60% reduction for 100ms,
                              >95% reduction for 10ms
Safety Standards .................. IEC/EN/UL 60601-1 (Edition 3.1)
                              ANSI/AAMI ES 60601-1 (2012),
                              CSA C22.2 No. 60601-1 (2014),
                              IEC/EN 60950-1 (2nd Edition),
                              PSE J60950-1, IEC/EN 62366
Agency Approvals ................. UL, cUL, TUV, PSE, CE, CB
Other Compliance ............... RoHS, DOE/GEMS VI, ErP Stage II

OUTPUT SPECIFICATIONS

Output Voltage ...................... 5 VDC
Output Current ...................... 2A, max.
Line Regulation .................... ±1% max.
Load Regulation ................... ±5% max.
Ripple and Noise* ................ 100 mVp-p max.
Over Voltage Protection ....... Shut down
Short Circuit Protection .......... Shut down; Auto-recovery
Over Current Protection ........ Shutdown, Auto-recovery
Hold-up Time ...................... 10 ms @ full load
Transient Response ............... 0.5 ms @ 50% load change
Temperature Coefficient ........ ±0.04%/°C max.
* Measured with 20MHz bandwidth at rated line voltage and output load ranges, with a 10µF tantalum capacitor in parallel with a 0.1µF ceramic capacitor in parallel across the output.

GENERAL SPECIFICATIONS

Efficiency (Avg.) .................. 83% min.
Operating Temperature ........... 0°C to +40°C
Storage Temperature .............. -20°C to +80°C
Operating Humidity .............. 20% to 80% non-condensing
Storage Humidity ................. 10% to 90% non-condensing
Withstand Voltage ................. 4,000 VAC, input-output (2 MOPP)
MTBF ................................. 300 Khrs minimum at full load,
                              25°C ambient, calculated per
                              Telecordia SR-332

ORDERING INFORMATION

P/N: TMW10-5-XY

<table>
<thead>
<tr>
<th>Code X</th>
<th>AC Plug</th>
<th>Code Y</th>
<th>Output Connector</th>
</tr>
</thead>
<tbody>
<tr>
<td>U</td>
<td>Fixed US Plug</td>
<td>P</td>
<td>USB type A receptacle on case</td>
</tr>
<tr>
<td>E</td>
<td>Fixed EU Plug</td>
<td>MA</td>
<td>USB Mini-A plug on molded cable</td>
</tr>
<tr>
<td>B</td>
<td>Fixed UK Plug</td>
<td>MB</td>
<td>USB Mini-B plug on molded cable</td>
</tr>
<tr>
<td>A</td>
<td>Fixed Australia Plug</td>
<td>UA</td>
<td>USB Micro-A plug on molded cable</td>
</tr>
<tr>
<td>I</td>
<td>*Main Body without plug</td>
<td>UB</td>
<td>USB Micro-B plug on molded cable</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Interchangeable Plug</th>
<th>Part No.</th>
</tr>
</thead>
<tbody>
<tr>
<td>US Plug</td>
<td>TIPU</td>
</tr>
<tr>
<td>EU Plug</td>
<td>TIPE</td>
</tr>
<tr>
<td>UK Plug</td>
<td>TIPB</td>
</tr>
<tr>
<td>AU Plug</td>
<td>TIAP</td>
</tr>
</tbody>
</table>

Note: Add suffix "W" to the P/N for white colored units, e.g. TMW10-5-UPW, TMW10-5-IPW, TMW10-5-IUBW, TMW10-5-EUBW, TIPUW, etc.
MECHANICAL SPECIFICATIONS

TMW10-5-UP

TMW10-5-EP

TMW10-5-BP

TMW10-5-UY* (*Refer to the Code Y table.)

TMW10-5-IP

TMW10-5-AY* (*Refer to the Code Y table.)

INTERCHANGEABLE AC PLUGS

TIPU | TIPF | TIPA
---|---|---
| | | 

LABEL

LABEL

LABEL