PatchMAX PowerSUM Distribution Module

Product Classification

Portfolio: SYSTIMAX®
Brand: PATCHMAX® | PowerSUM
Product Type: Module
Regional Availability: Asia | Australia/New Zealand | EMEA | Latin America | North America

Dimensions

Depth: 31.50 mm | 1.24 in
Diameter Over Dielectric, maximum: 1.168 mm | 0.046 in
Diameter Over Dielectric, minimum: 0.762 mm | 0.030 in
Height: 43.94 mm | 1.73 in
Width: 106.43 mm | 4.19 in

Electrical Specifications

ANSI/TIA Category: 5e
Current Rating: 1.5 A @ 20 °C
1.5 A @ 68 °F
Dielectric Withstand Voltage, RMS, conductive surface: 1500 Vac @ 60 Hz
Dielectric Withstand Voltage, RMS, contact-to-contact: 1000 Vac @ 60 Hz
Insulation Resistance, minimum: 500 MOhm

Environmental Specifications

Flammability Rating: UL 94 V-0
Operating Temperature: -10 °C to +60 °C (+14 °F to +140 °F)
Relative Humidity: Up to 95%, non-condensing
Safety Standard: cUL | UL
Storage Temperature: -40 °C to +70 °C (-40 °F to +158 °F)

General Specifications

Total Ports, quantity: 6
Cable Type: Unshielded
### Color
Black

### Modules, quantity
1

### Package Quantity
1

### Rack Type
EIA 19 in

### Rack Units
3.0

## Mechanical Specifications

<table>
<thead>
<tr>
<th>Specification</th>
<th>Value</th>
</tr>
</thead>
<tbody>
<tr>
<td>Conductor Gauge, solid</td>
<td>22 AWG</td>
</tr>
<tr>
<td>Conductor Gauge, stranded</td>
<td>22 AWG</td>
</tr>
<tr>
<td>Conductor Type</td>
<td>Solid</td>
</tr>
<tr>
<td>Contact Plating Material</td>
<td>Precious metals</td>
</tr>
<tr>
<td>Material Type</td>
<td>High-impact, flame retardant, thermoplastic</td>
</tr>
<tr>
<td>Plug Insertion Life, minimum</td>
<td>750 times</td>
</tr>
<tr>
<td>Plug Insertion Life, test plug</td>
<td>IEC 60603-7 compliant plug</td>
</tr>
<tr>
<td>Plug Retention Force, minimum</td>
<td>30 lbf</td>
</tr>
<tr>
<td>Termination Contact Plating</td>
<td>Nickel</td>
</tr>
<tr>
<td>Termination Type</td>
<td>IDC</td>
</tr>
<tr>
<td>Wiring</td>
<td>T568A</td>
</tr>
</tbody>
</table>

## Regulatory Compliance/Certifications

<table>
<thead>
<tr>
<th>Agency</th>
<th>Classification</th>
</tr>
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<tbody>
<tr>
<td>RoHS 2011/65/EU</td>
<td>Designed, manufactured and/or distributed under this quality management system</td>
</tr>
<tr>
<td>ISO 9001:2015</td>
<td>Designed, manufactured and/or distributed under this quality management system</td>
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