### Product Classification

<table>
<thead>
<tr>
<th>Regional Availability</th>
<th>Asia</th>
<th>Australia/New Zealand</th>
<th>EMEA</th>
<th>Latin America</th>
<th>North America</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Portfolio</strong></td>
<td>SYSTIMAX®</td>
<td></td>
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<tr>
<td><strong>Product Type</strong></td>
<td>Modular jack</td>
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<tr>
<td><strong>Product Brand</strong></td>
<td>PowerSUM</td>
<td></td>
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<tr>
<td><strong>Product Series</strong></td>
<td>MPS100E</td>
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</tbody>
</table>

### General Specifications

| **ANSI/TIA Category**                  | 5e    |
| **Cable Type**                         | Unshielded |
| **Color**                              | Yellow |
| **Conductor Type**                     | Solid | Stranded |
| **Integrated Dust Cover Type**         | None  |
| **Termination Type**                   | IDC   |
| **Wiring**                             | T568A | T568B |

### Dimensions

| **Height**                             | 20.32 mm | 0.8 in |
| **Width**                              | 20.32 mm | 0.8 in |
| **Depth**                              | 30.48 mm | 1.2 in |
| **Compatible Conductor Gauge, solid**  | 22 AWG   | 24 AWG |
| **Compatible Conductor Gauge, stranded**| 22 AWG   | 24 AWG |

### Electrical Specifications

| **Contact Resistance Variation, maximum** | 20 mOhm |
| **Contact Resistance, maximum**          | 100 mOhm |
| **Current Rating at Temperature**        | 1.5 A @ 20 °C | 1.5 A @ 68 °F |
### Dielectric Withstand Voltage

<table>
<thead>
<tr>
<th>Type</th>
<th>Value</th>
</tr>
</thead>
<tbody>
<tr>
<td>RMS, conductive surface</td>
<td>1,500 Vac @ 60 Hz</td>
</tr>
<tr>
<td>RMS, contact-to-contact</td>
<td>1,000 Vac @ 60 Hz</td>
</tr>
</tbody>
</table>

### Insulation Resistance, minimum

500 MOhm

### Remote Powering

Fully supports the safe delivery of power over LAN cabling described by IEEE 802.3bt (Type 4) and complies with the un mating under electrical load requirements prescribed by IEC 60512-99-002.

### PoE Durability

Supports IEEE 802.3bt Type 4 (90 W) applications after 3000 plug to jack mating cycles.

### Material Specifications

**Contact Plating Material**

Precious metals

**Material Type**

Copper alloy | High-impact, flame retardant, thermoplastic

**Termination Contact Plating**

Nickel

### Mechanical Specifications

**Plug Insertion Life, test plug**

IEC 60603-7 compliant plug

**Plug Retention Force, minimum**

133 N | 29.9 lbf

**Plug to Jack Mating Cycles**

Complies to IEC 60603-7 series

### Environmental Specifications

**Operating Temperature**

-10 °C to +60 °C (+14 °F to +140 °F)

**Storage Temperature**

-40 °C to +70 °C (-40 °F to +158 °F)

**Relative Humidity**

Up to 95%, non-condensing

**Flammability Rating**

UL 94 V-0

**Safety Standard**

UL | cUL

### Packaging and Weights

**Packaging quantity**

1

### Regulatory Compliance/Certifications

**Agency**

CHINA-ROHS  |  Below maximum concentration value
ISO 9001:2015 |  Designed, manufactured and/or distributed under this quality management system
REACH-SVHC |  Compliant as per SVHC revision on www.commscope.com/ProductCompliance
ROHS |  Compliant

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UK-ROHS Compliant