



## PowerSUM MPS100E Category 5e U/UTP Information Outlet, black

- Modified outlet termination scheme to match other Systimax outlets and to align with the MGS400 and the MGS600 outlets

### Product Classification

<b>Portfolio</b>	SYSTIMAX®
<b>Brand</b>	PowerSUM
<b>Product Type</b>	Modular jack
<b>Regional Availability</b>	Asia   Australia/New Zealand   EMEA   Latin America   North America

### Dimensions

<b>Depth</b>	30.48 mm   1.20 in
<b>Height</b>	20.32 mm   0.80 in
<b>Width</b>	20.32 mm   0.80 in

### Electrical Specifications

<b>ANSI/TIA Category</b>	5e
<b>Contact Resistance Variation, maximum</b>	20 mOhm
<b>Contact Resistance, maximum</b>	100 mOhm
<b>Current Rating</b>	1.5 A @ 20 °C 1.5 A @ 68 °F
<b>Dielectric Withstand Voltage, RMS, conductive surface</b>	1500 Vac @ 60 Hz
<b>Dielectric Withstand Voltage, RMS, contact-to-contact</b>	1000 Vac @ 60 Hz
<b>Insulation Resistance, minimum</b>	500 MOhm

### Environmental Specifications

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

### General Specifications

<b>Cable Type</b>	Unshielded
<b>Color</b>	Black
<b>Package Quantity</b>	1

## Mechanical Specifications

<b>Conductor Gauge, solid</b>	22 AWG   24 AWG
<b>Conductor Gauge, stranded</b>	22 AWG   24 AWG
<b>Conductor Type</b>	Solid   Stranded
<b>Contact Plating Material</b>	Precious metals
<b>Material Type</b>	Copper alloy   High-impact, flame retardant, thermoplastic
<b>Plug Insertion Life, minimum</b>	750 times
<b>Plug Insertion Life, test plug</b>	IEC 60603-7 compliant plug
<b>Plug Retention Force, minimum</b>	30 lbf   133 N
<b>Termination Contact Plating</b>	Nickel
<b>Termination Type</b>	IDC
<b>Wiring</b>	T568A   T568B

## Regulatory Compliance/Certifications

<b>Agency</b>	<b>Classification</b>
RoHS 2011/65/EU	Compliant
ISO 9001:2015	Designed, manufactured and/or distributed under this quality management system

