

## 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

#### Regional Availability

Asia | Australia/New Zealand | EMEA | Latin America | North America

#### Portfolio

SYSTIMAX®

#### Product Type

Modular jack

#### Product Brand

PowerSUM

### General Specifications

#### ANSI/TIA Category

5e

#### Cable Type

Unshielded

#### Color

Black

#### Conductor Type

Solid | Stranded

#### Integrated Dust Cover Type

None

#### Mounting Note

Color matches with M-series Black Faceplates and Surface Mount Boxes

#### 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

# 108232695 | MPS100E-003

<b>Contact Resistance Variation, maximum</b>	20 mOhm
<b>Contact Resistance, maximum</b>	100 mOhm
<b>Current Rating at Temperature</b>	1.5 A @ 20 °C   1.5 A @ 68 °F
<b>Dielectric Withstand Voltage, RMS, conductive surface</b>	1,500 Vac @ 60 Hz
<b>Dielectric Withstand Voltage, RMS, contact-to-contact</b>	1,000 Vac @ 60 Hz
<b>Insulation Resistance, minimum</b>	500 MOhm
<b>Remote Powering</b>	Fully supports the safe delivery of power over LAN cabling described by IEEE 802.3bt (Type 4) and complies with the unmating under electrical load requirements prescribed by IEC 60512-99-002

## Material Specifications

<b>Contact Plating Material</b>	Precious metals
<b>Material Type</b>	Copper alloy   High-impact, flame retardant, thermoplastic
<b>Termination Contact Plating</b>	Nickel

## Mechanical Specifications

<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>	133 N   29.9 lbf

## Environmental Specifications

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

## Packaging and Weights

<b>Packaging quantity</b>	1
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## Regulatory Compliance/Certifications

<b>Agency</b>	<b>Classification</b>
ISO 9001:2015	Designed, manufactured and/or distributed under this quality management system
REACH-SVHC	Compliant as per SVHC revision on <a href="http://www.commscope.com/ProductCompliance">www.commscope.com/ProductCompliance</a>

ROHS

Compliant

