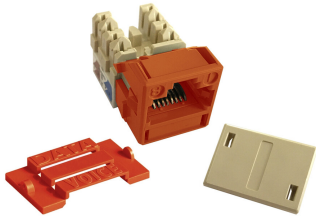


# 108232703 | MPS100-OR



## PowerSUM M-Series Modular Jack, RJ45, Cat5e Unshielded, Orange

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

### **OBSOLETE**

This product was discontinued on: **November 30, 2024**

#### Replaced By:

760258925  
MPS100-OR

PowerSUM M-Series Modular Jack, RJ45, Cat5e Unshielded, Orange

## Product Classification

### Regional Availability

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

### Portfolio

SYSTIMAX®

### Product Type

Modular jack

### Product Brand

PowerSUM

### Product Series

MPS100E

## General Specifications

### ANSI/TIA Category

5e

### Cable Type

Unshielded

### Color

Orange

### 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

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**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, RMS, conductive surface**

1,500 Vac @ 60 Hz

**Dielectric Withstand Voltage, RMS, contact-to-contact**

1,000 Vac @ 60 Hz

**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 unmating under electrical load requirements prescribed by IEC 60512-99-002

**PoE Durability**

Supports IEEE 802.3bt Type 4 (90 W) applications greater than 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

<b>Agency</b>	<b>Classification</b>
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 <a href="http://www.commscope.com/ProductCompliance">www.commscope.com/ProductCompliance</a>
ROHS	Compliant
UK-ROHS	Compliant

