



## SYSTIMAX® MPS100E PowerSum Information Outlet

The SYSTIMAX® MPS100E PowerSum Information Outlet is a Modular RJ45 to insulation displacement connector (IDC). It is typically installed in the faceplate at the work location and provides termination for the horizontal 4-pair cable at the IDC end, and workstation cord insertion at the RJ45 end. It is designed for high-speed data and video applications.

The insulation displacement connectors accept 22 and 24-AWG insulated wire. High-tooth pair splitters have been enhanced to separate very tightly twisted PowerSUM cable pairs to maintain the twist up to the connection. A D-Impact Tool can be used to terminate conductors. The Information Outlet is shipped with a space saving wire flat cap, that should be used to provide protection from contamination and to secure the connections. Multicolor labels with straight forward wire placement sequence mark wire terminals, assuring fast, accurate installation.

### Features and Benefits:

- Snaps into any M-Series modular faceplate, frame or surface-mount box
- Can be mounted either at 90 degrees (straight) or 45 degrees (angled)
- Angled feature eliminates the need for special faceplates
- Multicolored identification labels assure fast, accurate installation
- Low-profile wire cap protects against contamination and secures connections
- Pair splitters and wider channel for enhance conductor placement and termination
- Uses either the T568A or T568B wiring
- Category 5e compliant

## PHYSICAL SPECIFICATIONS:

<b>Length:</b>	2 cm (0.8 in)
<b>Width:</b>	2 cm (0.8 in)
<b>Depth:</b>	3.1 cm (1.2 in)
<b>Plastic:</b>	High-impact, flame retardant, UL-rated 94V-0 thermoplastic
<b>Jack Wires:</b>	Copper alloy, 1.27µm lubricated gold plating over 2.54µm nickel underplate
<b>Connector:</b>	Insulation displacement connectors (IDC) accept 22 & 24-AWG wire
<b>Insertion Life:</b>	> 750
<b>Min. Contact Force:</b>	100 g
<b>Min. Plug Retention Force:</b>	133 N
<b>Operating Temperature Range:</b>	-40 to 66°C

## ELECTRICAL SPECIFICATIONS

<b>EIA/TIA Category:</b>	5e
<b>Min. Insulation Resistance:</b>	500 ohms
<b>Min. Dielectric Withstand Voltage (Contact to contact @ 60 Hz):</b>	1000 VAC RMS
<b>Min. Dielectric Withstand Voltage (To exposed conductive surface @ 60 Hz):</b>	1500 VAC RMS
<b>Max. Contact Resistance:</b>	20 ohms
<b>Current Rating @ 20°C</b>	1.5A

## ORDERING INFORMATION

Material ID	Product Number	Wiring Scheme	Packaging	Color
108232695	MPS100E - 003	T568A/B	1/Pkg	Black
108232703	MPS100E - 112	T568A/B	1/Pkg	Orange
108232711	MPS100E - 123	T568A/B	1/Pkg	Yellow
108480484	MPS100E - 215	T568B	1/Pkg	Cream
108232729	MPS100E - 226	T568A/B	1/Pkg	Green
108232737	MPS100E - 246	T568A/B	1/Pkg	Ivory
108232745	MPS100E - 262	T568A/B	1/Pkg	White
108232752	MPS100E - 270	T568A/B	1/Pkg	Slate Gray
108232760	MPS100E - 317	T568A/B	1/Pkg	Red
108232778	MPS100E - 318	T568A/B	1/Pkg	Blue
108337726	MPS100E - 361	T568A/B	1/Pkg	Violet



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