

SYSTIMAX[®]

SOLUTIONS

SYSTIMAX[®] MPS100E Information Outlet

SYSTIMAX[®] SCS Component

The Information Outlet that can mount at 45 or 90 Degrees

The SYSTIMAX[®] MPS100E 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. A feature of the MPS100E is a universal colored wiring label that eliminates the need for separate Material IDs for 568A/B wiring schemes.

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. Multi-color labels with straight forward wire placement sequence mark wire terminals, assuring fast, accurate installation.



Features and Benefits

- Designed to snap into any M-Series faceplate, frame, or surface-mount box.
- Snap on Icons identify the outlet as an MPSE product or as a computer or a data connection
- The outlet can mount either at 90 degrees (straight) or 45 degrees (angled)

Physical Specifications

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

Electrical Specifications

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

Ordering Information

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

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