Z-MAX® 5e SHIELDED OUTLETS

Combining exceptional category 5e performance with best-in-class termination time, the Z-MAX 5e shielded outlet is a vital part of an end-to-end Z-MAX 5e shielded cabling system. The Z-MAX module exceeds all applicable industry standards, including ANSI/TIA-568-C.2 and Amendments 1 and 2 of ISO/IEC 11801 2nd ed.

Compliant — Is compliant with UL2043 and is appropriate for use in air handling spaces

Terminates in as little as 45 seconds using the Z-TOOL™

Robust die cast housing optimizes shielding from EMI and alien crosstalk

Colored icons provided for port identification

Zero-cross termination module accelerates lacing and eliminates pair crossing

Pass-through feature allows mounting from front or rear of faceplate. Also compatible with optional outlet door.

Outlets are available in a wide range of colors and mount in MAX faceplates and accessories.

Rapid shield connection and cable jacket strain relief via integrated hinged metal clip

User Friendly
The ergonomic and easy-to-use Z-TOOL ensures a fast, low force termination.

Flexibility and Simplified Ordering
Hybrid design allows the same outlet to be mounted in flat or angled orientations.

Siemon’s patented PowerGUARD technology prevents plug and jack contact erosion due to arcing at the mated location when the plug is unmated under PoE load conditions.

STANDARDS COMPLIANCE
- ANSI/TIA-568.2-D
- ISO/IEC 11801–1 Ed 1.0
- ISO/IEC 11801 2nd ed Amendment 2
- IEEE 802.3an
- IEEE 802.3af (Type 1)
- IEEE 802.3at (Type 2)
- IEEE 802.3bt (Type 3 and 4)
- Power over HDBaseT (PoH)
- IEC 60603-7
- TIA-968-A (formerly FCC Part 68 Subpart F)
PRODUCT INFORMATION

Performance Specifications:

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<th>ELECTRICAL</th>
<th>MECHANICAL — TERMINATION</th>
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<tr>
<td>Contact Resistance</td>
<td>Wire Size Range (nominal)</td>
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<tr>
<td>20 mΩ</td>
<td>23-26 AWG solid and stranded</td>
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<tr>
<td>Input to Output Resistance</td>
<td>Wire Insulation Diameter Range (max)</td>
</tr>
<tr>
<td>200 mΩ</td>
<td>1.48mm (0.058 in.)</td>
</tr>
<tr>
<td>Min. Dielectric Withstand Voltage (contact to contact)</td>
<td>Conductor OD Size (max)</td>
</tr>
<tr>
<td>1000 AC peak</td>
<td>0.60mm (0.023 in.)</td>
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<tr>
<td>Min. Dielectric Withstand Voltage (shield)</td>
<td>Cable OD (max)</td>
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<tr>
<td>1500 V DC (shield)</td>
<td>9mm (0.354 in.)</td>
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<tr>
<td>Insulation Resistance</td>
<td>Terminations</td>
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<tr>
<td>500 mΩ</td>
<td>5</td>
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<tr>
<td>Current Rating</td>
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<tr>
<td>1.5 A</td>
<td>T568A/B</td>
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PoE | Suitable for PoE Type 1,2,3,4 and PoH

MECHANICAL — GENERAL

Operating Temperature | -10° to 60° C (14° to 140° F)
Flammability Rating | UL 94 V-0
Green Features | RoHS, lead-free, halogen-free, PVC free
Housing Material | Zinc die cast
Contact Materials | Copper alloy, plated with 50 micro inches (1.27 micron) minimum thickness gold or equivalent at contact interface
Plastic Materials | Flame retardant thermoplastic
Dimensions (LxWxH) | 41.2x14.5x21.1mm (1.6x.570x.832 in.)
Shield | 360 degree enclosure

MECHANICAL — JACK

Number of Plug Insertion Cycles | 2500
Min. Plug Retention Force | 50N (11.24 lbf)
Plug Compatibility | Compatible with RJ45 (8-position) or RJ11 (6-position) plugs

Ordering Information:

ZΣ-S(X)(XX)(X) . . . . . . . . Shielded Z-MAX Category 5e outlet, T568A/B

For additional resource information:
Visit our web site at www.siemon.com

*Note: Keystone version is designed for integration with various third party mounting products and is not compatible with standard Siemon MAX mounting products. Keystone versions are also not compatible with icons and do not have door options.

Outlet terminates S/FTP, F/FTP and F/UTP cable constructions with 22 – 26 AWG (0.64 – 0.51mm) solid and 26 AWG (0.48mm) stranded conductors, with up to 0.60mm diameter conductors and up to 1.48mm diameter over insulation.

Add “B” to end of part number for bulk project pack of 100 modules. (hybrid modules include icons.)

Because we continuously improve our products, Siemon reserves the right to change specifications and availability without prior notice.