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1100-9000

Ethernet Inline Protection Coupler

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The 1100-9000 is a fused in-line coupler for use with Ethernet (Cat 5 / 10BASE-T, 100BASE-T) cables. The 1100-9000 is a bi-directional "pass-through" coupler, which passes Ethernet signals between two shielded RJ45 input/output connectors. The signals in the coupler are protected against high currents that could damage Ethernet equipment.

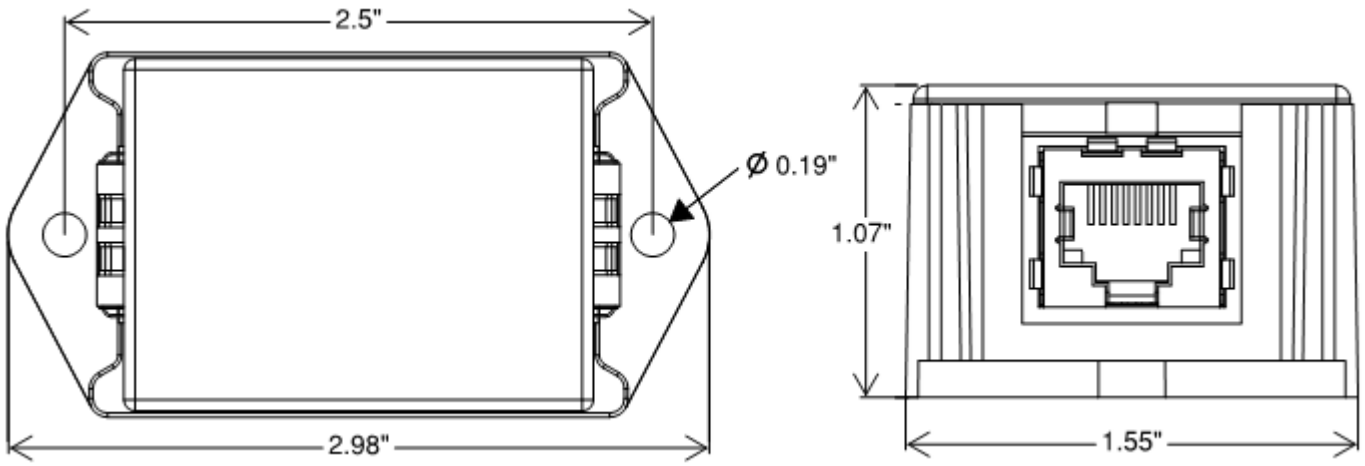
All eight Ethernet signals are individually fuse protected, and each is routed between RJ45 connectors such that the both connector pin-outs are the same.

The coupler is carefully designed for hassle-free operation with the high frequencies used in modern Ethernet installations (100BASE-T).

Features & Specifications:

- Bi-directional in-line operation (female RJ45 connectors)
- Rugged, industrial-grade design
- Mounting flanges allow screw mounting for high-vibration environments
- 500mA time-delay fuses on all eight RJ45 signals
- High-speed Ethernet compatibility (100BASE-T)
- Compatible with Power-Over-Ethernet (POE) operation
- Shielded to minimize EMI interference
- Suitable for MSHA systems requiring Ethernet ports (and other applications)

Mechanical Characteristics



Important Notice

This document contains information intended to aid in the proper installation and operation of the product described. Although this information will prove useful to the properly trained and qualified user, it is not practical to cover every possible situation, installation contingency, or other detail.

It is imperative that proper engineering and techniques are adhered to in the installation, operation, and maintenance of this product. It is the responsibility of the user to ensure that any system utilizing this product is safe, and that all personnel involved with the selection, installation, maintenance, and use of this product are properly qualified. This product must not be used in situations where its ratings are exceeded.

While every effort has been made to make sure the information in this document is accurate, IE cannot guarantee that there are no errors. Users of this product should verify any aspects of the product's design or performance that are critical to their application, and in particular, any aspects that may affect the safety of the overall system or installation.

Product design and specifications may change without notice.