

10701 Airport Drive, Hayden ID 83835  
208.772.8515 800.882.9110

1200-201 REV A



## **WARNING**

### **1. IMPORTANT SAFETY INSTRUCTIONS!**

2. Read and understand all instructions before installing this product. Save these instructions for future reference.
3. The suppressor will interrupt communications in the event of self sacrifice.

Thank you for purchasing a surge suppression product from Transtector, the industry leader.  
For questions or comments, please contact us at 800.882.9110 or visit our website at [www.transtector.com](http://www.transtector.com).

# Installation Instructions

1. This product is intended for use only on data circuits with operating voltages not to exceed 5V and operating currents not to exceed 100mA
2. **Mounting the CPX Chassis:** Mount the device as close as possible to the equipment to be protected using the hardware provided in the packaging supplies.
3. **Wiring the CPX Chassis**  
**Suppressor must be grounded for proper operation!**
  - 3.1 Install the ground connection using a dual hole compression lug (hole size 1/4" x 20 studs on 5/8" CC, suitable for acceptance of 10-4awg copper wire), with supplied fasteners. Crimp wire to lug using approved tools.
  - 3.2 Connect the incoming data lines to the connectors labeled 'I' on the appropriate protection modules (100BT, GbE or T1/E1 ), using the text on the module faceplates as a guide.
  - 3.3 For the equipment to be protected, connect the corresponding lines to the protection module connector labeled 'O'.
4. **Installing Additional Protection Modules into the CPX Chassis (See table 1)**
  - 4.1 Remove the blank cover from an unpopulated bay in the protection chassis by removing the mounting screw(s) with a #2 Phillips screwdriver.
  - 4.2 Slide the protection module into the open bay such that the mounting hole(s) on the module faceplates aligns with the threaded hole(s) on the chassis, and the "I" (input) side is at the top. Ensure that the mounting tab(s) on the protection module seats into the slot(s) on the chassis.
  - 4.3 Re-Install the original mounting screw(s) or use the mounting screw(s) provided in the packaging supplies for the protection module using a #2 Phillips screwdriver.
  - 4.4 Wire the protection module per the instruction given in Section 3.

Table: CPX Series Protection Module Part Number

DATA PROTOCOL	PROTECTION MODULE PART NUMBER
1000-1268	CPX SERIES 10/100BASE-T PROTECTION MODULE
1000-1268-NF	CPX SERIES 10/100BASE-T PROTECTION MODULE NO FUSE
1000-1269	CPX SERIES T1/E1 PROTECTION MODULE
1000-1269-NF	CPX SERIES T1/E1 PROTECTION MODULE NO FUSE
1000-1270	CPX SERIES 1000BASE-T PROTECTION MODULE
1000-1270-NF	CPX SERIES 1000BASE-T PROTECTION MODULE NO FUSE
1101-972	KIT CPX HOUSING ASSY

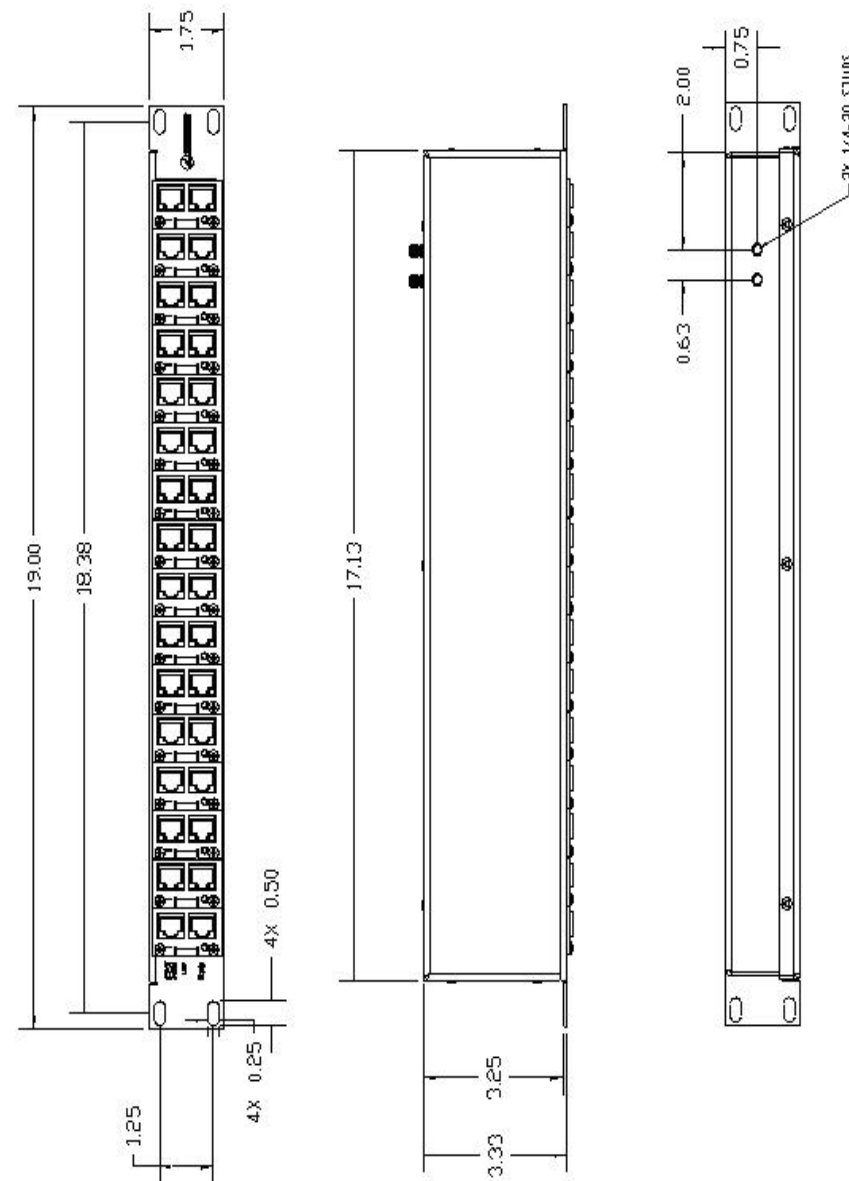


Figure 1: CPX Series Mechanical Outline Drawing