

Installation Instructions

CPX Series

1. This product is intended for use on data, POE, or DC power circuits with maximum operating voltages not to exceed 65 volts.
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 (10/100, 10/100 PoE, GbE/PoE, OR T1/E1), using the text on the module faceplate 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 faceplate aligns with the threaded hole(s) on the chassis, and the "I" (input) side 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 1: CPX Series Protection Module Part Numbers

MODULE P/N	PROTECTION MODULE DESCRIPTION
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
1000-1117	CPX SERIES 1000BASE-T/PoE PROTECTION MODULE NO FUSE
1000-1402	CPX SERIES 10/100BASE-T/PoE PROTECTION MODULE NO FUSE
1000-1405	CPX DC DEFENDER 48-5
1101-1137	CPX WALL MOUNT 4 UNIT

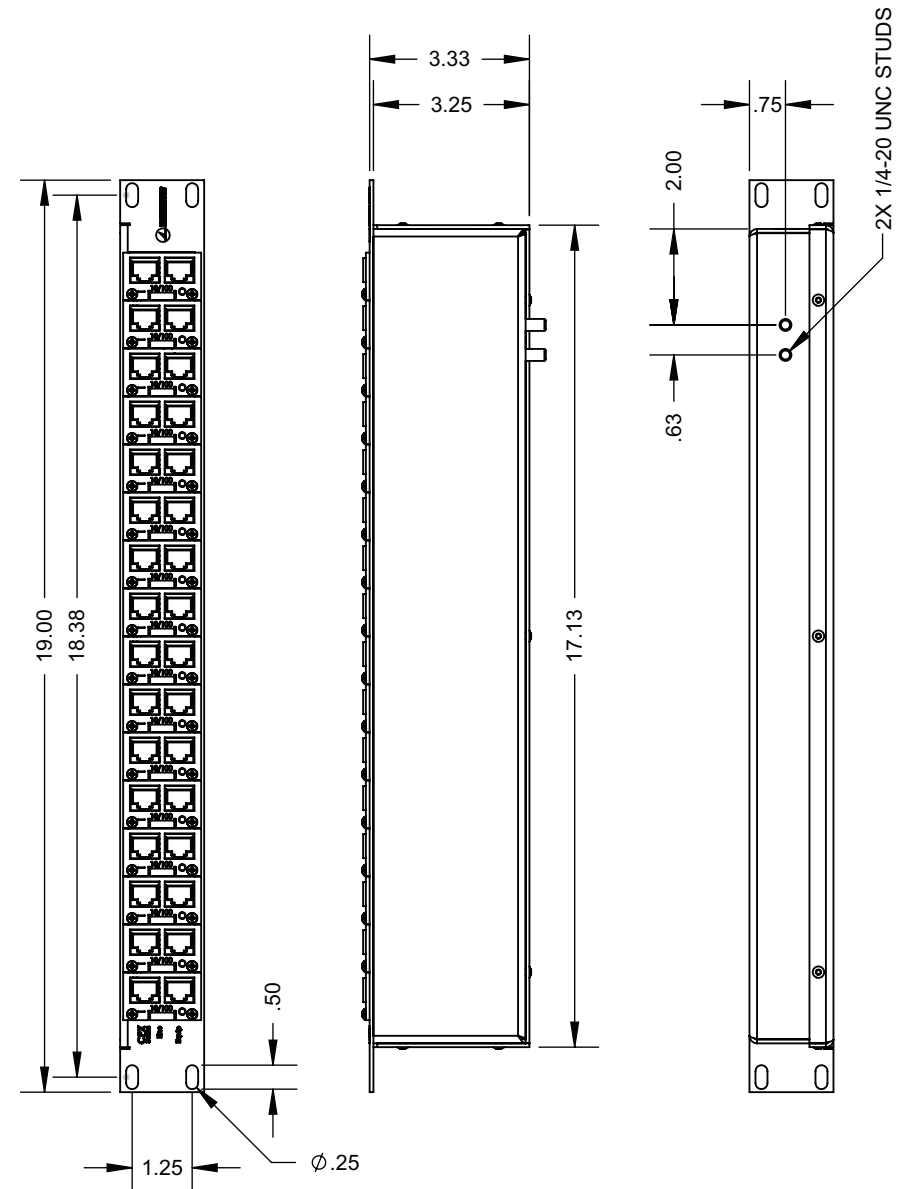


Figure 1 - Mechanical outline drawing (inches)