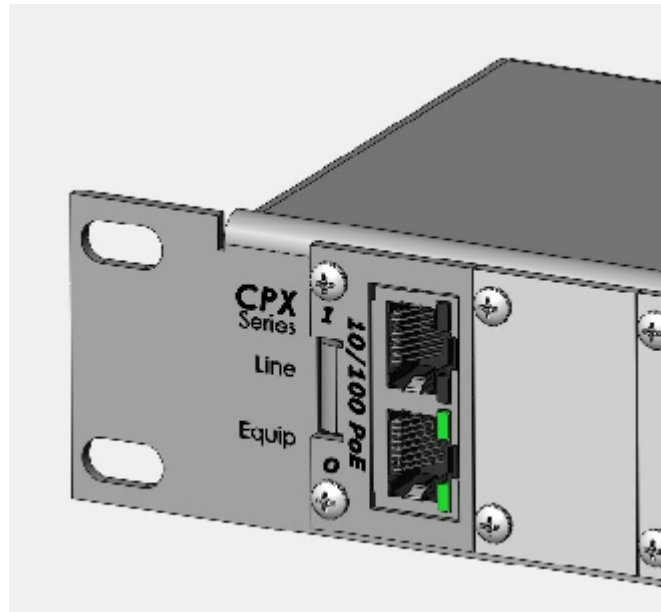


REVISIONS				
REV.	DESCRIPTION	ECN	DATE	APPROVED
C	REFER TO ECN	13064	03/25/15	KAD



## MAXIMUM CHARACTERISTICS

**APPLICATION:**  
 CPX chassis rack mounted 10/100 PoE protection.  
 This compact designed single width module provides the same protection capabilities as the Transtector ALPU-POE-60 (P/N 1101-933). The CPX chassis (P/N 1101-972) allows up to 16 single width modules to be mounted in only 1 RU of rack space.

### ELECTRICAL PERFORMANCE:

**Connector Style:**  
 Shielded RJ45

**Protected Pins:**  
 (1,2), (3,6), (4,5), (7,8)

**Data Rate:**  
 100 Mb/s

**Nominal Operating Voltage:**  
 Up to 48 Vdc

**Max Continuous Operating Voltage (MCOV):**  
 60 VDC

**Surge Suppression:**  
 <75 V peak @ 100A, 10/1000 μs

**Maximum Line Current per Pin:**  
 1 A

**Impedance:**  
 85 TO 115 Ω

**Frame Transmission:**  
 100% Transmission @ 100 Mb/s (w/ 100 m of cable)

**APPROVALS:**  
 CE compliant  
 RoHS compliant  
 IEC/ANSI/UL/CSA 60950 compliant  
 Hazardous Location Certifications: ETL Class I Div 2, Class 1 Zone 2, ATEX (ITS14ATEX48147X), IECEx (IECEx ETL 14.0041X) (See Figure 1)

**MECHANICAL:**  
**Dimensions:**  
 0.99 x 1.63 x 3.08 inches  
 (25 x 41 x 78 mm)

**Weight:**  
 ≤0.1 lbs typical  
 (≤0.05 kg typical)

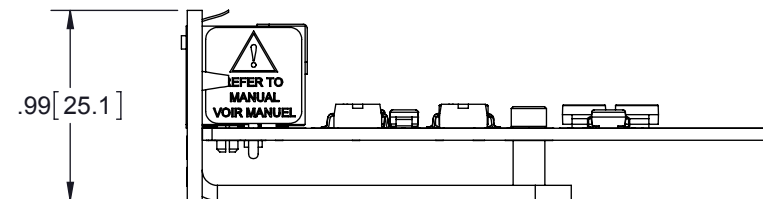
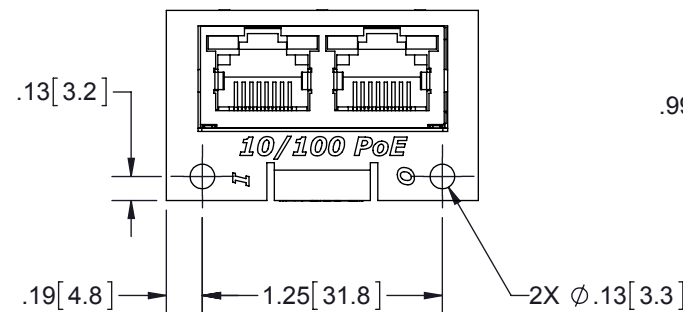
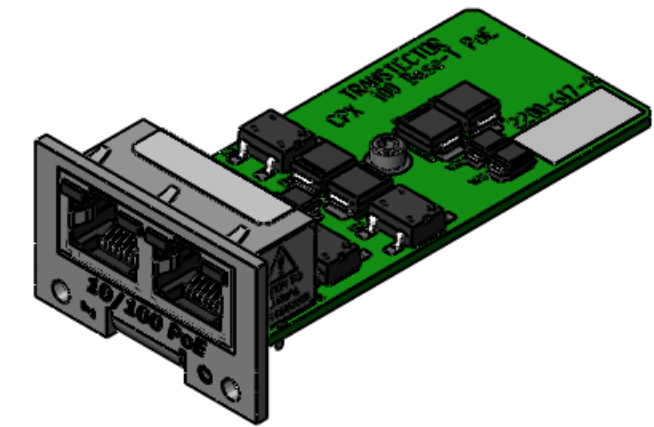
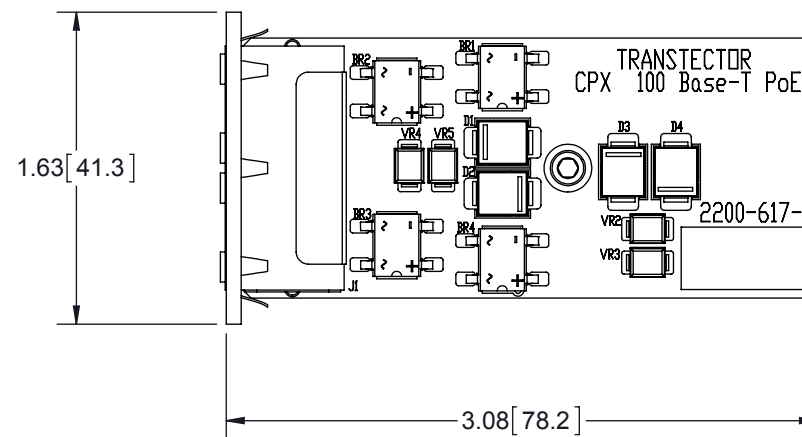
**Mounting:**  
 CPX chassis (P/N 1101-972) Compatible

**ENVIRONMENTAL:**  
**Operating/Storage Temperature:**  
 -40°C TO +65°C

**Relative Humidity:**  
 0 to 95% (non-condensing)

**APPLICABLE INDUSTRY STANDARDS**  
**Surge Suppression**  
 GR-1089

**Power Over Ethernet Protocol**  
 IEEE 802.3 af, at



Class I Division 2 Groups A,B,C,D T8  
 Class I Zone 2 AEx nA IIC T8 Gc  
 Class I Zone 2 Ex nA IIC T8 Gc  
 CE II 3 G Ex nA IIC T8 Gc  
 Ex nA IIC T8 Gc  
 -40°C ≤ Tamb ≤ +65°C

Figure 1: Hazardous Locations

ALL DIMENSIONS SHOWN ARE FOR REFERENCE ONLY.

UNLESS OTHERWISE SPECIFIED LEADING DIMENSIONS ARE INCHES DIMENSIONS IN [ ] ARE MILLIMETERS	DRAWN	HMB	DATE	8/27/12														
	ENG APPD	LC	11/14/12															
	PRODUCT MGR	RLG	11/26/12															
	MARKETING APPD	LJ	11/27/12															
TOLERANCES: FRACTIONS=± 1/32 .XX=± .03 ANGLES=± 1° .XXX=± .010	MATERIAL	PROJECT NO.		DD94962		TITLE			CPX-PoE									
THIRD-ANGLE PROJECTION	NOTICE: THE INFORMATION AND DESIGN IN THIS DOCUMENT IS THE PROPERTY OF TRANSTECTOR SYSTEMS. ALL RIGHTS RESERVED.		SCALE		1:1		CAGE		30992		PART NUMBER		1000-1402		REV		C	
CUSTOMER SPECIFICATION		DOCUMENT NAME		1000-1402-C		SHEET		1		OF		1						

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