

**ISDN**

**U-BUS Input/Output Transformer**

**TEW4897**

TEW4897 is designed to interface with the subscribers premises (NT) and the 2- wire line side of the Central Office Equipment (LT) in the ISDN Network.

TEW4897 meets the electrical requirements for the **SIEMENS PEB20902/IEC** (4B3T) device.

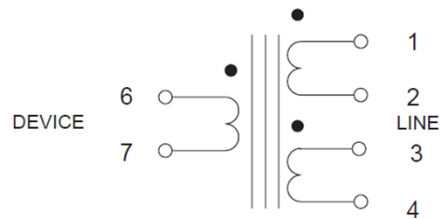
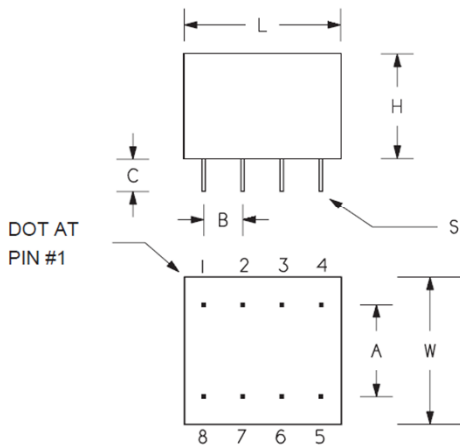
Exceeds the requirements of: **EN60950** and **EN41003**.

Applications:

- Low profile construction.
- Up to 50 mA line current.
- High insulation between line and equipment side.



**MECHANICAL**



DIMENSIONS, Inches (mm)

P/N	L	W	H	A	B	C	S
TEW4897	0.87 (22.0)	0.83 (21.0)	0.63 (16.0)	0.60 (15.3)	0.20 (5.1)	0.12 (3.0)	0.025 (0.64)

**ELECTRICAL**

Line Impedance		150 Ω
Inductance	(6-7)	> 3.7 mH
Leakage Inductance	(6-7)	< 12.5 μH
Distributed Capacitance	(1-4)	< 110 pF
Winding Resistance	(1-4)	< 2.5 Ω
	(6-7)	< 1.74 Ω
Turns Ratio	(6-7) : (1-4)	1 : 1.32
Longitudinal Balance	1 - 4 KHz	> 60 dB
	4 - 160 KHz	> 55 dB
DC Capability (Line Side)		50 mA
Dielectric Strength		4000 V rms