

**ISDN**

**U-BUS Input/Output Transformer**

**TEW4840**

TEW4840 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.

TEW4840 meets the electrical specifications of ANSI TI.601-1988 and is approved for the **SIEMENS PEB2091** (V.C1) device.

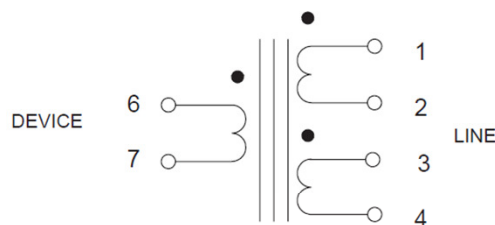
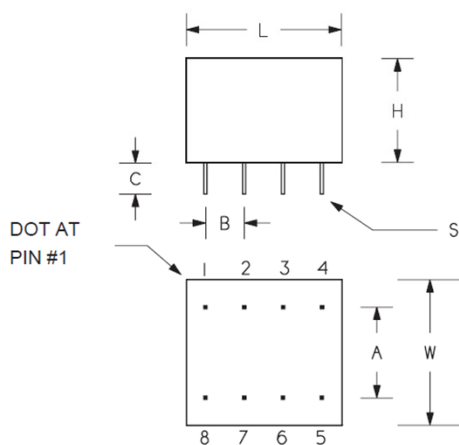
**Applications:**

- High performance 2B1Q line code.
- Up to 50 mA line current.
- High insulation between line and equipment side.



Designed to meet EN60950 & EN41003

**MECHANICAL**



DIMENSIONS, Inches (mm)

P/N	L	W	H	A	B	C	S
TEW4840	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		135 Ω	
Inductance	(1-2)+(3-4)	14.5 mH	
Leakage Inductance	(1-2)+(3-4)	< 55 μH	short (6-7)
Distributed Capacitance	(1-2)+(3-4)	< 187 pF	
Winding Resistance	(1-2)+(3-4)	< 3.0 Ω	
	(6-7)	< 3.0 Ω	
Turns Ratio	(6-7) : (1-2)+(3-4)	1 : 1.6	
Longitudinal Balance	1 - 4 KHz	> 60 dB	
	4 - 160 KHz	> 55 dB	
DC Capability (Line Side)		50 mA	100 mA without damage
Dielectric Strength		4000 V rms	