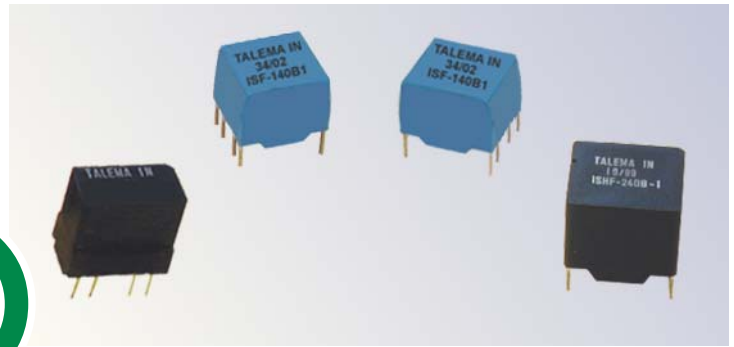




ISDN S₀ DIL Style Through Hole Interface Transformers

Features

- designed for optimum compatibility with all established interface IC's
- excellent and consistent balance between windings
- complies fully with CCITT.I.430 recommendations and corresponding national standards for S-Interface
- manufactured in ISO-9001:2000, TS-16949:2002 and ISO-14001:2001 certified Talema facility
- fully RoHS compliant and meets lead free reflow level J-STD-020C
- operating temperature: 0 to 85°C



Electrical Specifications @ 25°C

Turns Ratio: **Bold** = IC side windings

ISF & ISV Series comply with Supplementary Insulation Level EN60950, UL1950 and UL1450

Part Number	L _p (mH Min)	Turns Ratio	L _L (μH)	I _{DC} (mA)	C _C (pF Max)	R _{CU} P (Ohms)	R _{CU} S (Ohms)	V _P (Vrms)	Schematic
ISF / ISV-100B1	30	1:1:1:1	10	5	150	1.7	2.0	1500	B1
ISF / ISV-120A1	30	1:1:4	10	5	150	1.7	4.0	1500	A1
ISF / ISV-130B1	30	1:1: 2,5:2,5	10	5	150	1.7	4.5	1500	B1
ISF / ISV-140B1	30	1:1: 2:2	10	5	150	1.7	4.0	1500	B1

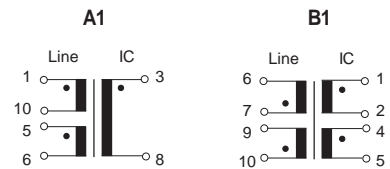
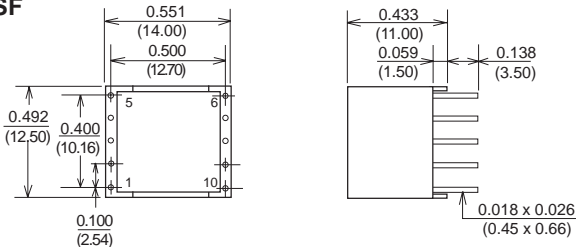
ISHF Series Interface Transformers comply with Reinforced Insulation Level EN60950-1:2001

ISHF-200B1	30	1:1:1:1	15	5	45	2.4	2.0	3000	B1
ISHF-220A1	30	1:1:4	15	5	45	2.4	5.6	3000	A1
ISHF-230B1	30	1:1: 2,5:2,5	15	5	45	2.4	6.8	3000	B1
ISHF-240B1	30	1:1: 2:2	15	5	45	2.4	5.6	3000	B1

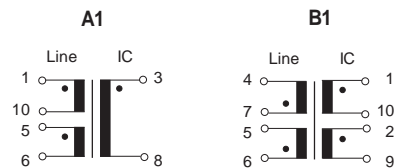
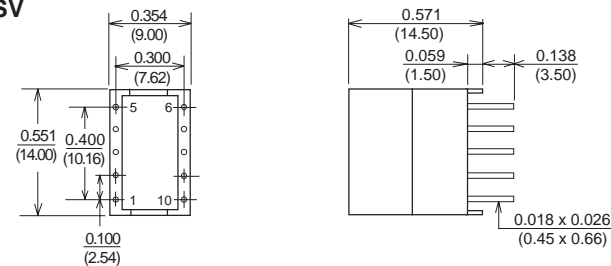
Package Style

Schematic

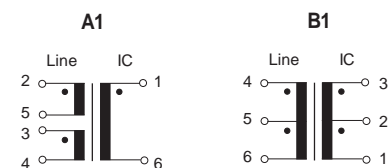
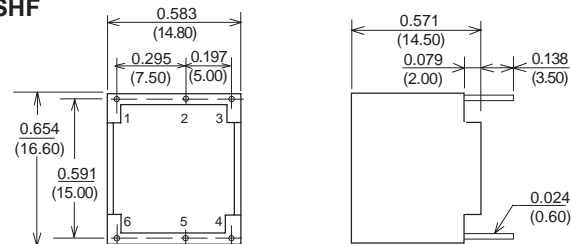
ISF



ISV



ISHF



Dimensions: Inches (Millimeters)

Tolerance: ±0.010 (0.25) unless specified otherwise

Germany: Int.+4989-841 00-0 • Ireland: Int.+35 374-954 8666 • Czech Rep: Int.+420 37 - 744 9303 • India: Int.+91 427 - 244 1325

<http://www.talema-nuvotem.com>

(10-06) Communications/ISDN/ISHF