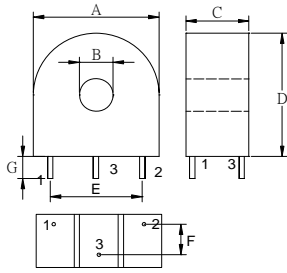
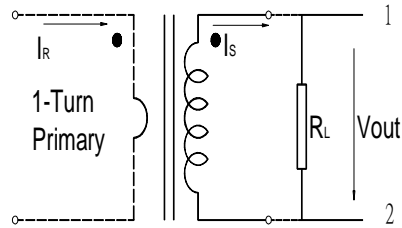


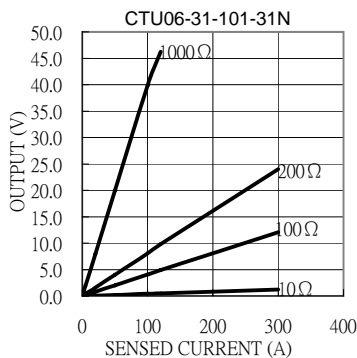
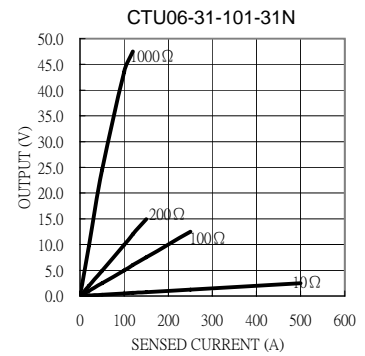
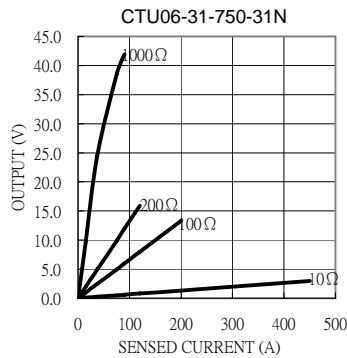
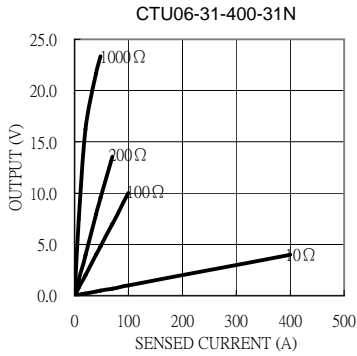
CTU06-31 Series



Test Circuit



Electrical Characteristic										Mechanical Dimension						
Part No.	I_R (A)	V_{out} (V)	Acc.Class (%)	I_{min} (A)	I_{max} (A)	R_L (Ω)	f (%)	δ ($^{\circ}$)	DCR (Ω)	A(max)	B(max)	C(max)	D(max)	E(max)	F(max)	G(± 1)
										mm / inch						
CTU06-31-400-31N	0.1~40	4.000	1	0.1	100	100	-0.227	39.5	30.0	31.65 1.25	9.5 0.374	14.2 0.56	31.15 1.23	20.05 0.79	10.4 0.41	7.0 0.26
CTU06-31-750-31N	0.075~75	4.932	0.5	0.075	240	100	-0.350	18.2	89.0							
CTU06-31-101-31N	0.1~100	4.993	0.5	0.1	370	100	-0.352	13.6	117.0							
CTU06-31-101-31N	0.6~100	4.029	0.5	0.6	300 ⁺	100	0.007	7.2	137							



Definition:

- I_R : Rated Current
- V_{out} : Output voltage.
- Acc.Class: Accuracy class.
- I_{min} : Min. detecting current which remains linearity.
- I_{max} : Max. detecting current which remains linearity.
- R_L : Load resistance.
- $f(\%)$: Ratio error.
- $\delta(^{\circ})$: Phase shift.
- DCR: Secondary Winding DC Resistance.

Remark:

1. Frequency band :50Hz~60Hz.
2. Operating temperature: -25 $^{\circ}$ C~80 $^{\circ}$ C.
3. All current ,voltage refer to rms value.
4. RoHS compliant.
5. Hi-Pot: 2500V_{RMS}/1min between windings.
6. Formula of 2nd output : $V_{out}=I_R \cdot R_L / N(\text{Turns})$.
7. Product parts meet UL requirements.