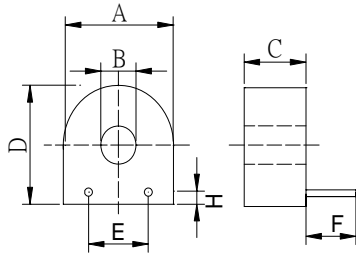
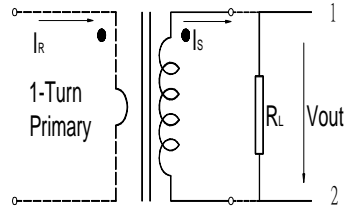


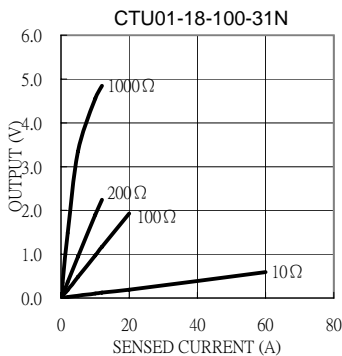
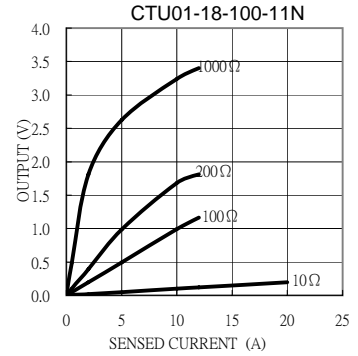
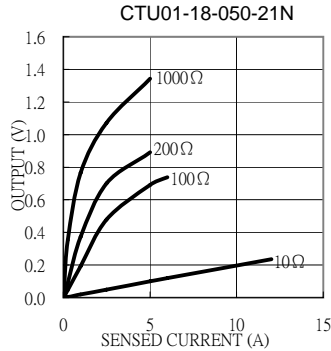
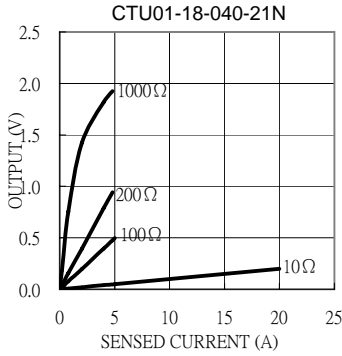
CTU01-18 Series



Test Circuit



Electrical Characteristic										Mechanical Dimension					
Part No.	IR (A)	Vout (V)	Acc.Class (%)	Imin (A)	Imax (A)	RL (Ω)	f (%)	δ (°)	DCR (Ω)	A(max)	B(max)	C(max)	D(max)	E(max)	F(±1)
										mm / inch					
CTU01-18-040-21N	0.01~4	0.395	3	0.01	5	100	-0.550	35.0	47	18.1 0.71	5.7 0.22	10.2 0.40	18.0 0.71	10.2 0.40	5.5 0.22
CTU01-18-050-21N	0.01~5	0.0995	3	0.01	10	10	-0.030	36.0	17						
CTU01-18-100-11N	0.02~10	0.0993	1	0.02	25	10	-0.610	5.0	60						
CTU01-18-100-31N	0.02~10	0.972	3	0.02	20	100	-2.500	90.0	46						



Definition:

- I_R : Rated Current
- Vout: Output voltage.
- Acc.Class: Accuracy class.
- Imin: Min. detecting current which remains linearity.
- Imax: Max. detecting current which remains linearity.
- R_L : Load resistance.
- f(%): Ratio error.
- δ (°): Phase shift.
- DCR: Secondary Winding DC Resistance.

Remark:

1. Frequency band :50Hz~60Hz.
2. Operating temperature: -25°C~80°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 :Vout= $I_R \cdot R_L / N$ (Turns).
7. Product parts meet UL requirements.