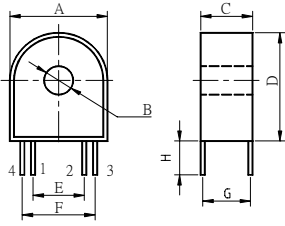
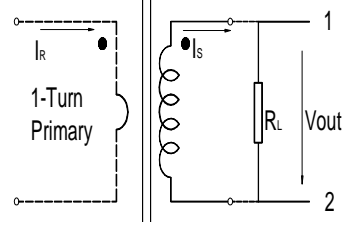


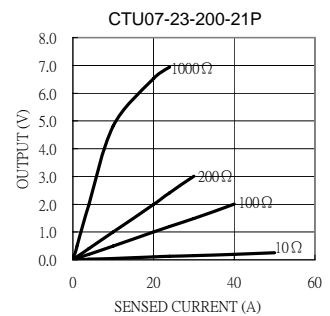
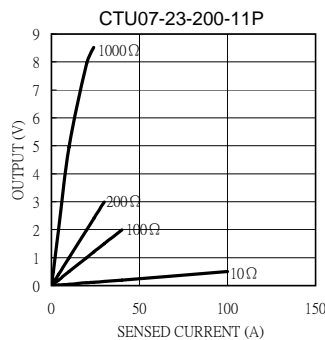
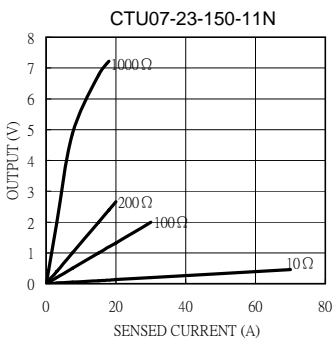
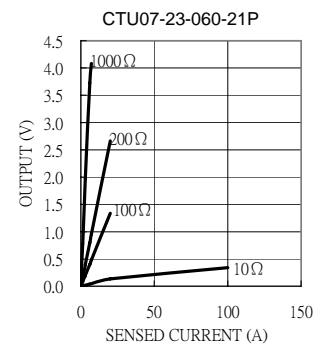
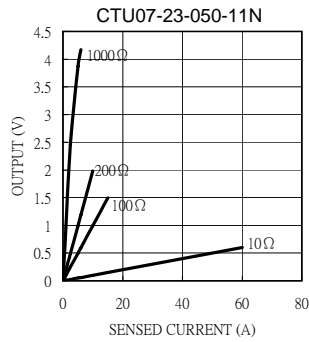
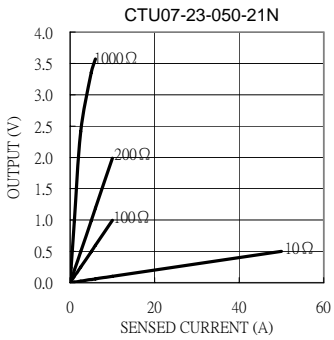
# CTU07-23 Series



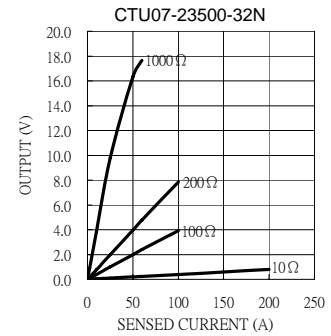
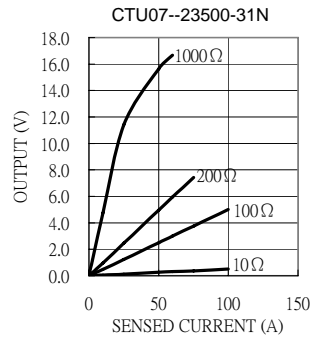
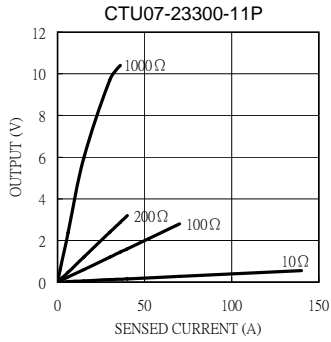
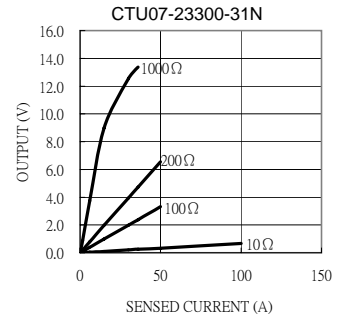
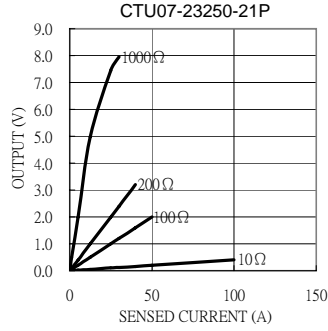
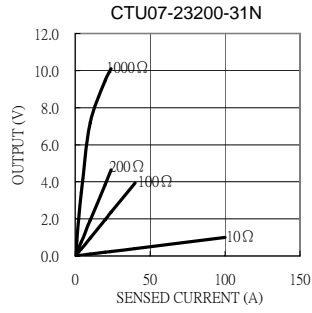
## Test Circuit



Electrical Characteristic										Mechanical Dimension							
Part No.	IR (A)	Vout (V)	Acc.Class (%)	Imin (A)	Imax (A)	RL ( $\Omega$ )	f (%)	$\delta$ (')	DCR ( $\Omega$ )	A(max)	B(max)	C(max)	D(max)	E(max)	F(max)	G(max)	H( $\pm 1$ )
mm / inch																	
CTU07-23-050-21N	0.025~5	0.498	0.5	0.025	15	100	-0.440	12.0	43	23.71 0.93	6.9 0.27	11.3 0.45	25.21 0.99	15.4 0.61	19.1 0.75	9.9 0.39	6.0 0.24
CTU07-23-050-11N	0.01~5	0.497	1	0.3	15	100	-0.640	16	43								
CTU07-23-060-21P	0.03~6	3.998	0.2	0.03	20	100	-0.075	10.0	80								
CTU07-23-150-11N	0.015~15	0.9958	0.5	0.015	30	100	-0.200	4	80								
CTU07-23-200-11P	0.02~20	0.9987	0.2	0.02	40	100	-0.100	3.1	105								
CTU07-23-200-21P	0.05~20	1.001	0.2	0.05	45	100	-0.110	3.0	105								
CTU07-23-200-31N	0.02~20	1.964	1	0.02	45	100	-1.950	55.0	25								
CTU07-23-250-21P	0.05~25	0.999	0.2	0.05	55	100	-0.600	2.0	134								
CTU07-23-300-31N	0.075~30	1.98	1	0.075	65	100	-1.000	40.0	77								
CTU07-23-300-11P	0.05~30	1.198	0.2	0.05	70	100	-0.042	2.249	134								
CTU07-23-500-31N	0.05~50	2.489	1	0.05	105	100	-0.720	28.0	106								
CTU07-23-500-32N	0.25~50	1.992	1	0.25	200	100	-0.485	20.5	136								



# CTU07-23 Series



## 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.  
 $\delta(')$ : 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<sub>RMS</sub>/1min between windings.
6. Formula of 2nd output : $V_{out}=I_R \cdot R_L / N(\text{Turns})$ .
7. Product parts meet UL requirements.