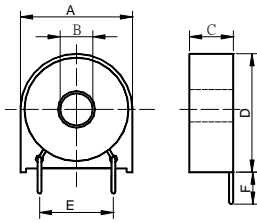
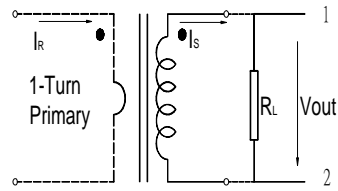


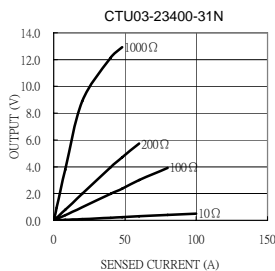
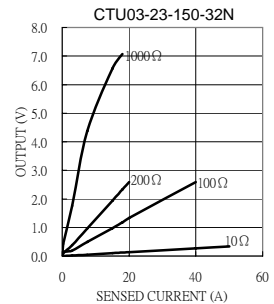
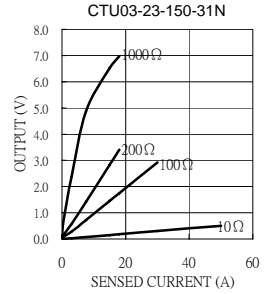
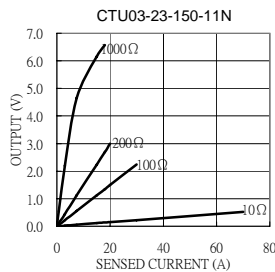
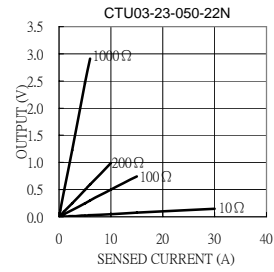
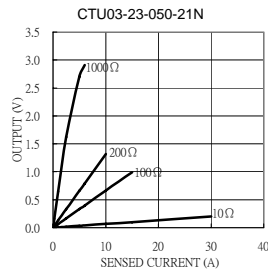
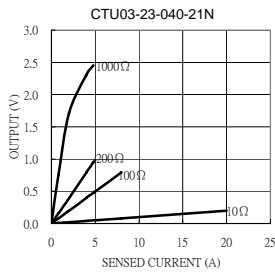
CTU03-23 Series



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 (°)	DCR (Ω)	A(max)	B(max)	C(max)	D(max)	E(max)	F(± 1)
mm / inch															
CTU03-23-040-21N	0.01~4	0.395	1	0.1	8	100	-0.575	37.5	47	23.01 0.91	7.1 0.28	8.6 0.34	24.91 0.98	15.3 0.60	10.0 0.39
CTU03-23-050-21N	0.015~5	0.331	1	0.015	15	100	-0.330	24.0	109						
CTU03-23-050-22N	0.02~5	0.248	0.5	0.02	15	100	-0.240	24.0	147						
CTU03-23-150-11N	0.01~15	1.123	1	0.01	30	100	-0.304	16.8	62						
CTU03-23-150-31N	0.05~15	1.46	5	0.05	30	100	-3.133	113.3	48						
CTU03-23-150-32N	0.075~15	0.978	3	0.075	40	100	-2.100	91.0	113						
CTU03-23-400-31N	0.1~40	1.99	3	0.1	80	100	-1.215	38.0	152						



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.
- δ (°) : 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: 2500 V_{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.