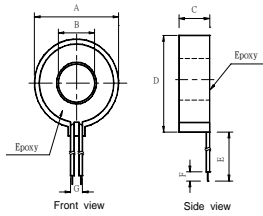
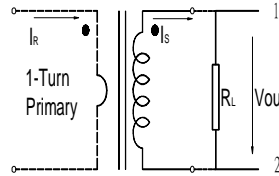


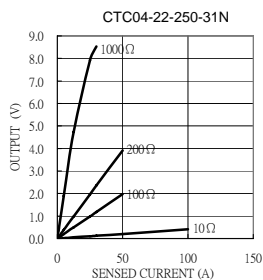
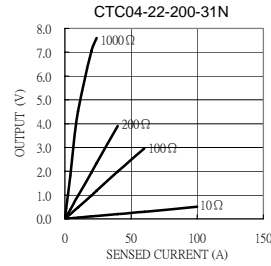
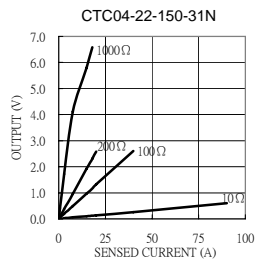
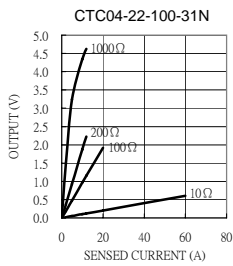
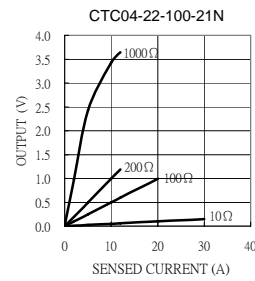
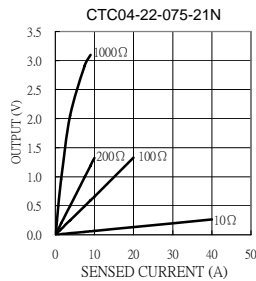
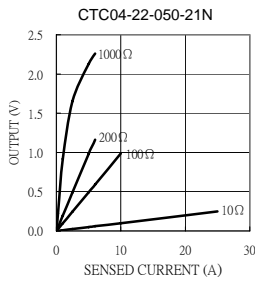
CTC04-22 Series



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(± 3)	F(± 1)
mm / inch															
CTC04-22-050-21N	0.01~5	0.494	1	0.01	10	100	-1.080	46.0	42	22.21 0.87	9.0 0.35	8.5 0.34	25.21 0.99	136 5.35	4.0 0.16
CTC04-22-7R5-21N	0.015~7.5	0.498	1	0.015	20	100	-0.300	18.0	63						
CTC04-22-100-21N	0.02~10	0.497	1	0.02	20	100	-0.340	16.0	133						
CTC04-22-100-31N	0.05~10	0.96	10	0.05	25	100	-4.200	120.0	41						
CTC04-22-150-31N	0.075~15	0.976	3	0.075	40	100	-2.600	80.0	64						
CTC04-22-200-31N	0.02~20	0.985	3	0.02	65	100	-1.700	50.0	87						
CTC04-22-250-31N	0.05~25	0.988	3	0.05	70	100	-1.320	50.0	167						



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°C~80°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 : $V_{out} = k \cdot R_L / N(\text{Turns})$.
7. Product parts meet UL requirements.