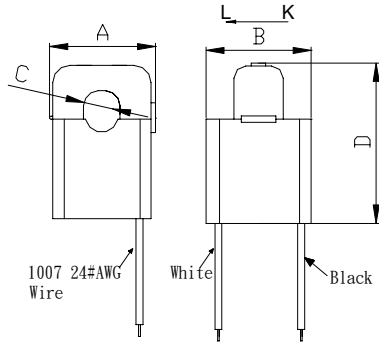
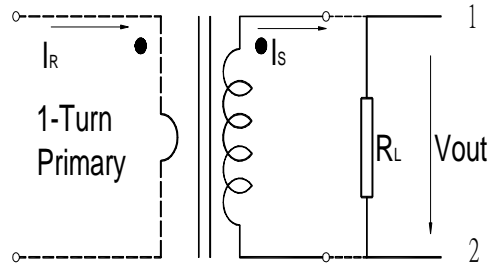


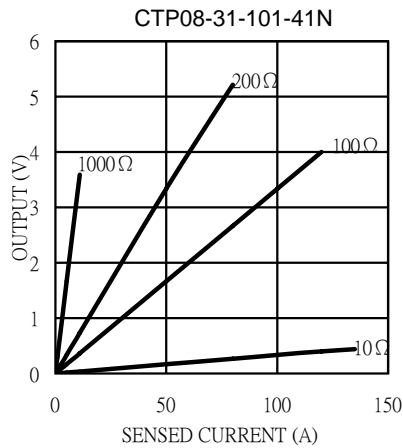
# CTP08-31 Series



## Test Circuit



Part No.	Electrical Characteristic							Mechanical Dimension				
	$I_R$ (A)	$V_{out}$ (V)	Acc.Class (%)	$I_{min}$ (A)	$I_{max}$ (A)	$R_L$ ( $\Omega$ )	DCR ( $\Omega$ )	A(max)	B(max)	C(max)	D(max)	Split(max)
	mm / inch											
CTP08-31-101-41N	1~100	3.332	3	1	120	100	420	$\frac{31.4}{1.24}$	$\frac{31}{1.22}$	$\frac{16}{0.63}$	$\frac{44.6}{1.76}$	$\frac{35}{1.38}$



### 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 $^{\circ}$ C~80 $^{\circ}$ 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.