TAIK ELECTRIC

Split Core Current Transformer
Type TSC-080 Series

The TSC-080 series are split-core current transformers. The CT can be mounted to existing panels, such as control centers or load centers, to measure or monitor wattage. These CTs can be mounted without removing existing cables for easier installation.



RoHS COMPLIANT CE

Electrical Specifications

MODEL	INPUT CURRENT	AVAILABLE OUTPUT
TSC-080-500	500 A	CURRENT OUTPUTS @ 15mA, 40mA, 50mA,100mA,1A, 5A VOLTAGE OUTPUTS @ 0.25V, 0.333V, 0.5V, 1V, 2V
TSC-080-600	600 A	
TSC-080-800	800 A	
TSC-080-1000	1000 A	
TSC-080-1200	1200 A	
TSC-080-1600	1600 A	

APPLICATIONS

- Energy and sub-metering products
- Electrical load monitoring
- Network equipment
- Instruments and sensors
- Control systems
- Go GREEN initiatives

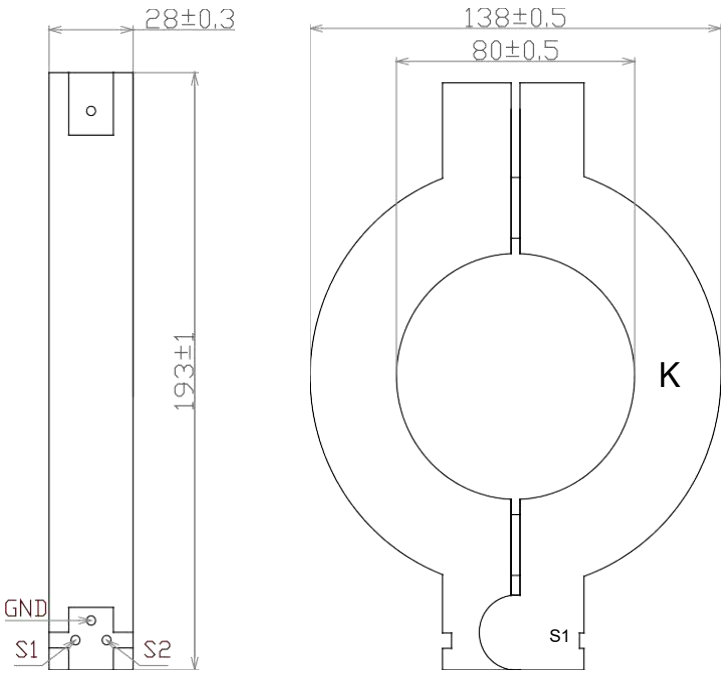
FEATURES

- 3.15" window opening (ID)
- Custom design Turns-Ratio available
- Rigid housing case with UL 94V-0 durable plastic
- M4 terminal output
- Approximate weight 550g

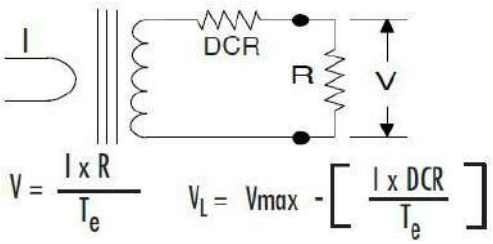
SPECIFICATIONS

- Standard Input Current 5-1600A
- Frequency 50Hz — 400Hz
- Standard accuracy 0.5,1
- Insulation Voltage 4000 Vac/1min
- Operating Temp. -40°C to +70°C
- Storage Temp. -45°C to +85 °C
- ANSI C57.13 and IEC60044-1 Standards

Mechanical Dimensions in mm



Connection Diagram



CAUTION

Before installation, safety precautions must be followed by licensed professional. Never energize primary unless short circuited terminals or burden connected to secondary.