TAIK ELECTRIC

Split Core Current Transformer
Type TSC-090 Series

The TSC-090 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-090-500	500 A	CURRENT OUTPUTS @ 15mA, 40mA, 50mA,100mA,1A, 5A VOLTAGE OUTPUTS @ 0.25V, 0.333V, 0.5V, 1V, 2V
TSC-090-600	600 A	
TSC-090-800	800 A	
TSC-090-1000	1000 A	
TSC-090-1200	1200 A	
TSC-090-1500	1500 A	

APPLICATIONS

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

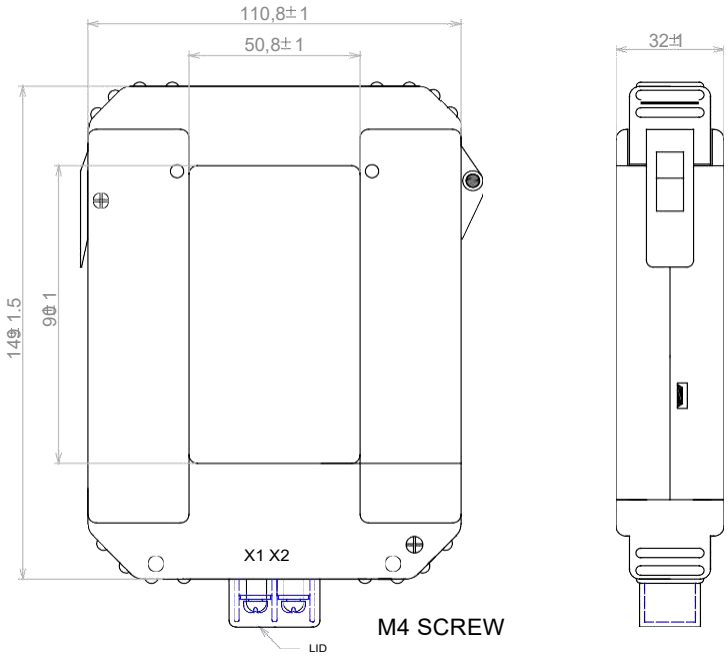
FEATURES

- 2.00*3.54" window opening (ID)
- Custom design Turns-Ratio available
- Rigid housing case with UL 94V-0 durable plastic
- M4 terminal output
- Approximate weight 700g

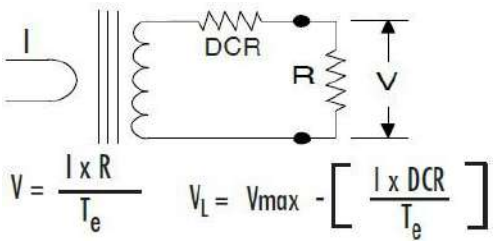
SPECIFICATIONS

- Standard Input Current 5-1500A
- 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.