TAIK ELECTRIC

Split Core Current Transformer TSC-040 Series

The TSC-040 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



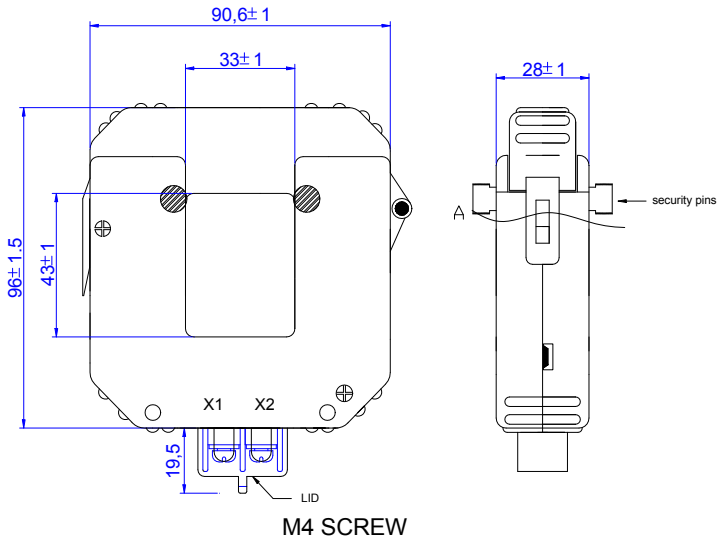
RoHS COMPLIANT

Electrical Specifications

MODEL	INPUT CURRENT	AVAILABLE OUTPUT
TSC-040-100	100 A	CURRENT OUTPUTS @ 15mA, 20mA, 40mA, 50mA,100mA,1A, 5A VOLTAGE OUTPUTS @ 0.25V, 0.333V, 0.5V, 1V,2V
TSC-040-200	200 A	
TSC-040-300	300 A	
TSC-040-400	400 A	
TSC-040-500	500 A	
TSC-040-600	600 A	

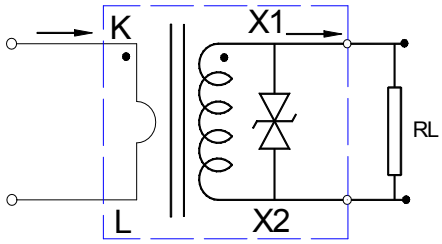
STANDARD PART NUMBERS

DIMENSIONS(MM)



M4 SCREW

CONNECTION DIAGRAM



note:
1. Primary current direction from K to L
2. Secondary current directions from X1 to X2
3. RL: Output load resistance

APPLICATION

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

SPECIFICATIONS

- Standard Input Current 10-600A
- Frequency 50Hz — 400Hz
- Custom design Turns-Ratio available
- Standard accuracy 0.5%
- Approximate weight 500g
- Clamping voltage on selected models
- ANSI C57.13 and IEC60044-1Standards

CAUTION

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