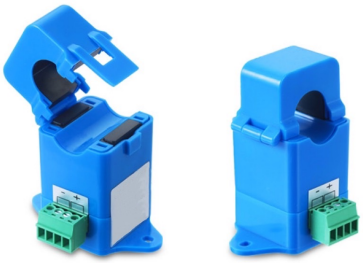
TAIK ELECTRIC

AC Split Core Current Transducer
Type TSC-016 2W

The TSC-016 2W series are split-core current transducers. The transducer 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

Rated Primary Current(Amp.)	5,10,25,50,100A
Output Signal	4-20 mA
Supply voltage	18-30 Vdc
Termination Resistance Max	280Ω
Measurement Accuracy	+/- 1% F.S. (Full scale)
Linearity	+/- 1% F.S.
Thermal Drift	500 PPM/°C
Max Output signal	Limited to 22 to 25 mA
Operating Temperature Range	-30~65℃
Storage Temperature Range	-40~80℃
Operating Humidity	10- 95 % RH Non-Condensing
Storage Humidity	10-98 % RH Non-Condensing
Dielectric Withstanding Voltage	2.5KV/1mA/1min
Frequency range	20 Hz - 5 KHz
Response Time	250 ms max

APPLICATIONS

- Phase fired controlled heaters
- Quickly varying motor loads
- Chopped wave form drivers
- Current measurements

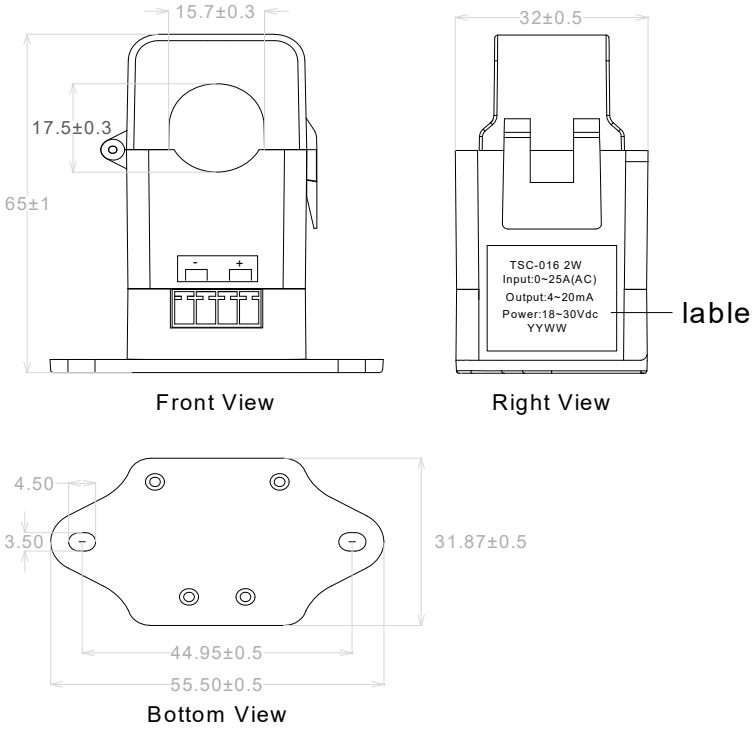
FEATURES

- Split Core design
- 4-20 mA DC output; 18-30VDC powered
- 16mm windows size
- Max. up to 100A

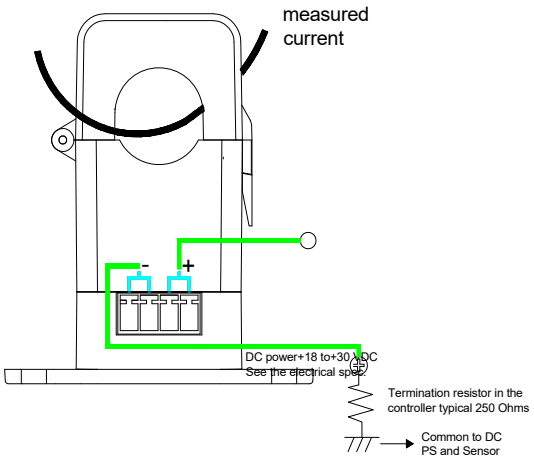
Advantage

- Easy installation
- Excellent linearity over the whole range
- Compact case
- High isolation between primary and secondary

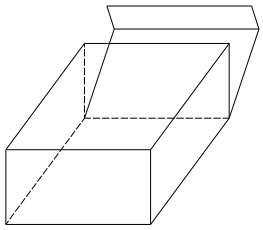
Mechanical Dimensions in mm



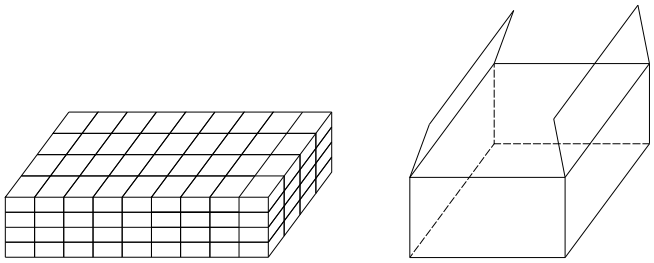
Connections Diagram



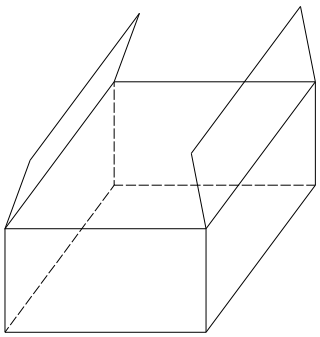
- Small Carton Box: 86*65*78 mm
  Small box contains 2pcs CTs
  Note: The bubble film should be placed at the bottom



- Inner Packing: 345*275*190 mm
  The box contains 60pcs CTs



- Outer Packing: 360*290*420 mm (contains 2pcs inner packing box)



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ISO 9001: 2015 Certified
FM 40649