

## CTCLAMP : CLAMP-ON CURRENT TRANSFORMER



### CTCLAMP-D19 SERIES

Split-core current transformer for the measurement of AC currents from 1 to 200Amps. The Clamp-On CT easily snaps around the conductor and ideal for installation on electrical wiring. It has output in voltage form, 0.333V that is proportional to the RMS value of the primary current.

#### Benefits

- High isolation between primary and secondary circuits
- Compact design, Plug and Play
- Cost-Effective Solution for variety of applications
- High accuracy and durable
- UL Recognized
- CE and RoHS complaint

#### Applications

- **Transformer Monitoring:** Current measurement for Transformer Load current, Fan Motor Current, Pump Motor Current, OLTC Motor Current
- **Switchgear/Breaker Monitoring:** Current measurement for Phase Current, Motor Current, Heater Current (AC)
- **Automation and Control:** Current measurement for protection systems

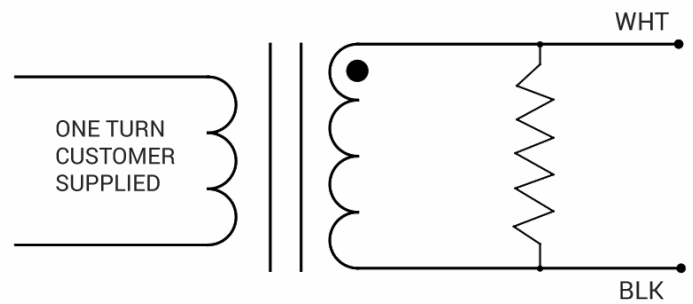
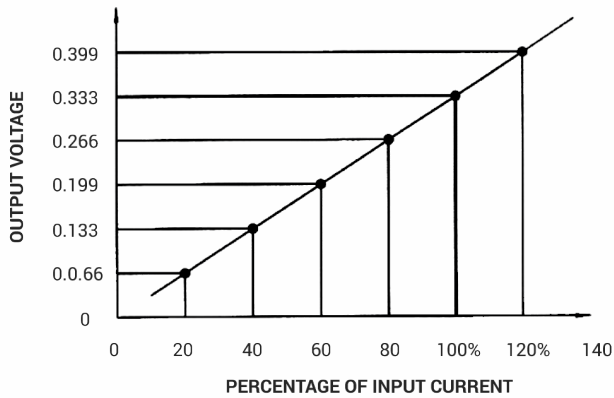
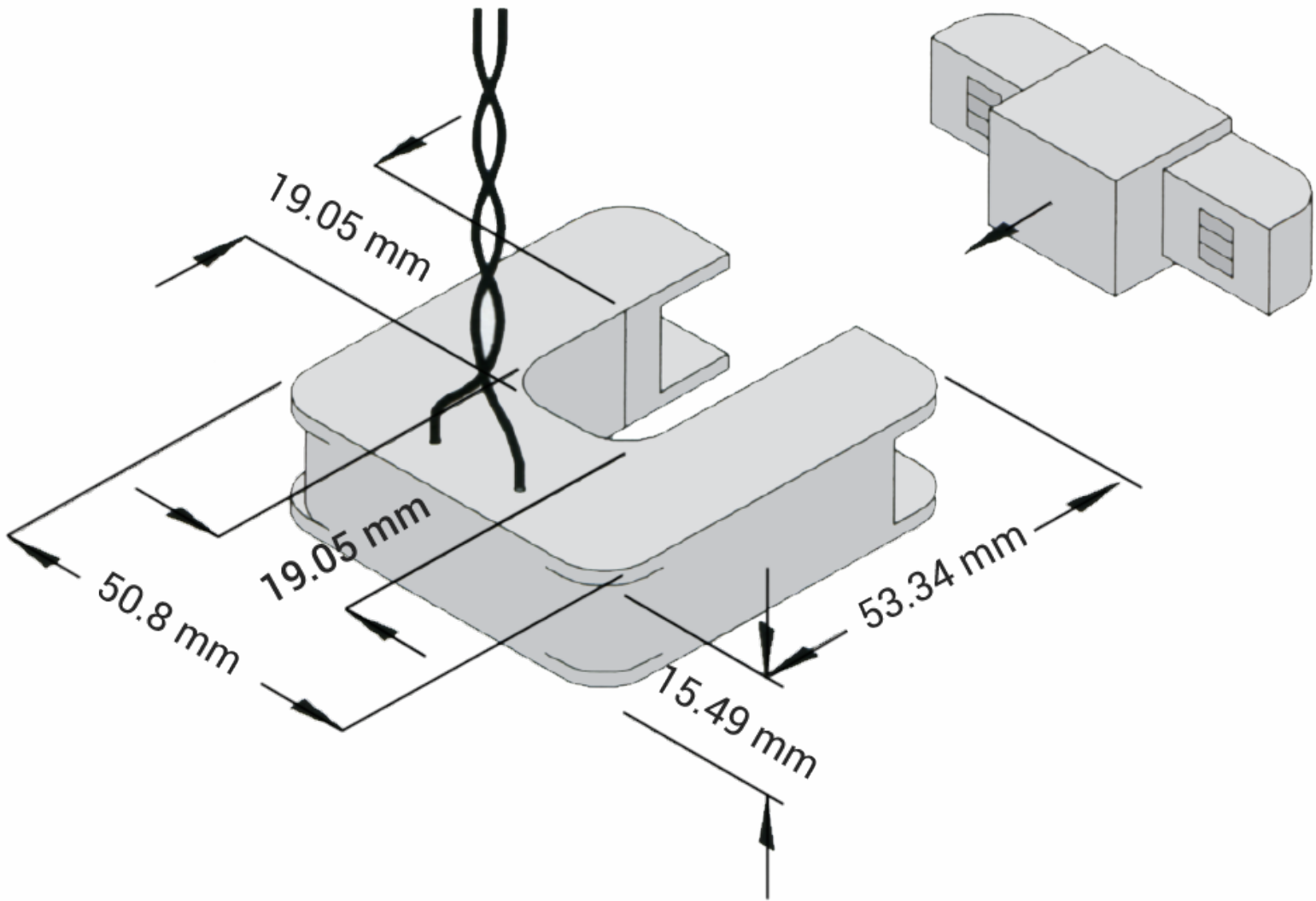
#### Technical Specifications

Input Current	1 Amp to 200 Amp
Input Current Frequency	50 Hz to 400 Hz
Output at rated current	0.333 Volt AC
Accuracy	± 1% (at 10% to 130% of rated current)t
Phase angle	< 2 degrees measured at 50% rated current
Operating Temperature	-20 °C to + 85 °C
Storage Temperature	-20 °C to + 85 °C
Protection Degree	IP40
Sensor Cable Length	2m Twisted Pair (Default). Longer cables available on demand

#### Avialable Options

Model #	Measuring Current Rating (Conductor)
CLCLAMP-19-5A	Up to 5Amp
CLCLAMP-19-10A	Up to 10 Amp
CLCLAMP-19-30A	Up to 30 AMP
CLCLAMP-19-50A	Up to 50 AMP
CLCLAMP-19-70A	Up to 70 AMP
CLCLAMP-19-100A	Up to 100 AMP
CLCLAMP-19-150A	Up to 150 AMP
CLCLAMP-19-200A	Up to 200 AMP

# Drawing and Dimensions



## Rugged Monitoring Services

Rugged Monitoring provides customization of sensors, monitors & software. In addition we offer on-site commissioning services, maintenance contracts and technical support to all customers worldwide.



## About Rugged Monitoring

Industry leading team of fiber optic experts with 100+ years of combined experience committed to delivering customizable solutions for challenging applications. We offer a range of reliable, high performance, customizable sensors and monitoring solutions that are immune to external influence.