

TQ50 333mV Split-core Current Transformer

The very compact TQ50 split-core current transformer from ELEQ is especially designed for connection to digital measurement systems. The TQ50 is supplied with color coded leads. The accuracy class 1 for all these CT's are perfect for high accurate kWh measurements. Correct closing of the current transformer is guaranteed by a distinct sound of "click". For fixation two tie wraps are supplied that are easily mounted around the primary conductor.



Technical Specifications

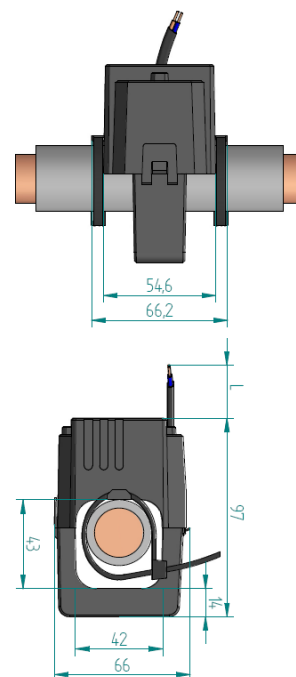
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|---|---|
| <i>Environmental conditions</i> | |
| This product is designed to be safe under the following conditions: | |
| Location: | Indoor use |
| Operating temperature: | -10°C .. +55°C |
| Relative humidity: | 5% .. 85%, non condensing |
| Protection degree: | IP20 |
| Only suitable for insulated primary conductors. | |
| <i>Application conditions</i> | |
| Standard: | IEC 61869-10 (LPCT) |
| Rated short-time thermal current: | 40 x I _n / 1s |
| Extended current: | 120% |
| Rated insulation level: | 0,72/3/5/-kV |
| Rated frequency: | 50/60Hz |
| Class of insulation: | E (120°C) |
| Primary window dimensions: | TQ50-E max. Ø 42 mm |
| Secondary leads: | .../333mV: L=3m cable 0,50mm ² |

Ordering Specifications

| Ratio | Class | Burden | Article number TQ50-E |
|------------|-------|-----------|--------------------------|
| 400A/333mV | 1 | 2MΩ, 50pF | 4P5R72 |
| 500A/333mV | 1 | 2MΩ, 50pF | 4P5R73 |
| 750A/333mV | 1 | 2MΩ, 50pF | 4P5R75 |
| 800A/333mV | 1 | 2MΩ, 50pF | 4P5R76 |

For other specifications, please contact us at sales@eleq.com

Dimensions



Wiring Diagram

