

## TQ50 333 mV Low Power 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

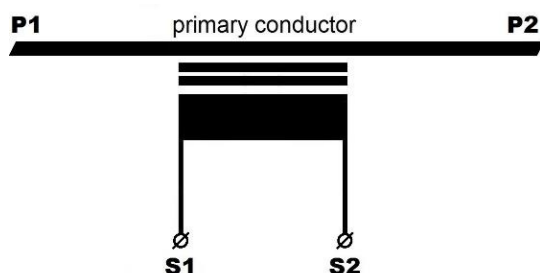
<b>Environmental conditions</b>	
This product is designed to be safe under the following conditions:	
Location:	Indoor use
Operating temperature:	-10 °C .. +55 °C
Relative humidity:	5% .. 85%, non condensing
Protection degree:	IP20
Only suitable for insulated primary conductors.	
<b>Application conditions</b>	
Standard:	IEC 61869-10 (LPCT)
Rated short-time thermal current::	40 x I <sub>n</sub> / 1s
Extended current:	120%
Rated insulation level:	0,72/3/5/-kV
Rated frequency:	50/60 Hz
Class of insulation:	E (120 °C)
Primary window dimensions:	TQ50-E max. Ø 42 mm
Secondary leads:	.../333 mV: L=3 m cable 0,50 mm²
Overvoltage category:	CAT IV 600 V

### 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](mailto:sales@eleq.com)

### Wiring Diagram



### Dimensions

