

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

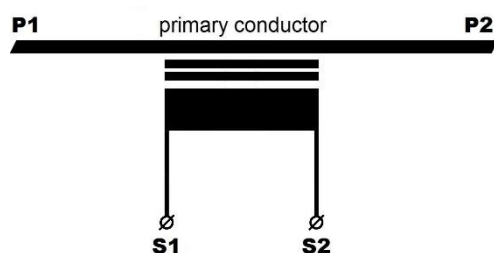
Environmental conditions	
This product is designed to be safe under the following conditions:	
Location:	Indoor use
Operating temperature:	-10°C .. +55°C
Relative humidity:	5% .. 85%, non condensing
Protection degree:	IP20
Only suitable for insulated primary conductors.	
Application conditions	
Standard:	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 0,50mm²

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

Wiring Diagram



Dimensions

