

TQ40-B Split-core Current Transformer

The very compact TQ40 split-core current sensor from ELEQ is especially designed for connection to digital measurement systems. The TQ40 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 sensor is guaranteed by a distinct sound of a "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:	IEC61869-2
Rated short-time thermal current:	60 x I _n / 1s
Continuous thermal current (I _{cth}):	100%
Rated insulation level:	0,72/3/- kV
Rated frequency:	50/60 Hz
Class of insulation:	E (120 °C)
Primary window dimensions:	For conductor max. Ø 18 mm
Secondary leads:	.../1A: L=3 m cable 0,5 mm ² .../5A: L=0, 5m cable 1,5 mm ²
Overvoltage category:	CAT IV 600 V

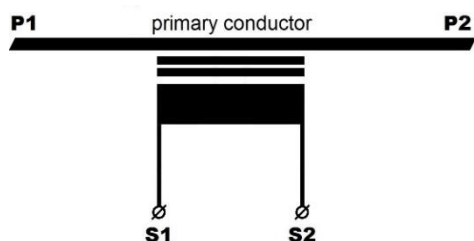
Ordering Specifications

Ratio	Class ¹⁾	Burden	Article number
100/1A	1	0,2VA	4Q4B05
125/1A	1	0,2VA	4Q4B07
150/1A	1	0,2VA	4Q4B08
200/1A	0,5	0,2VA	4Q4B09
250/1A	0,5	0,2VA	4Q4B10

Ratio	Class ¹⁾	Burden	Article number
150/5A	1	1VA	4Q4B58
200/5A	1	1VA	4Q4B59
250/5A	0,5	1VA	4Q4B60

1) Accuracy conform IEC 61869-2, valid from 5 to 120% I_n

Wiring Diagram



Dimensions

