

## TQ120 - Split-core Current Transformer

TQ120 is a very compact split-core current transformer suitable for low voltage systems. The unit is easy to install while the top part can be removed entirely. This makes the unit also very suitable for use with isolated cables with conus connector in medium voltage systems. Also, the units are compact and can be mounted besides each other for a phase distance of 120 mm or more. The TQ120 can be used in new as well as in existing installations and its accuracy results in highly accurate current measurements.



### Ordering specifications

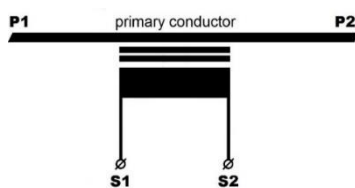
Ratio	Class	Burden (VA)	Article number
100-200/1A	5P10	2-4	4Q12F90
	1	1,5-4	4Q12F09
250/1A	0,5S	2,5	4Q12F10
300/1A	5P10	5	4Q12F92
400/1A	5P20	5	4Q12F93
	0,5	7,5	4Q12F12
600/1A	0,5	15	4Q12F14

There are options for a variable measurement class of the TQ120. Please contact [sales@eleq.com](mailto:sales@eleq.com) for this.

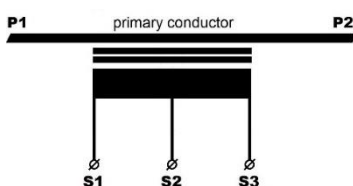
### Technical specifications

<i>Environmental conditions</i>	
This product is designed to be safe under the following conditions:	
Location:	Indoor use
Ambient temperature:	-40°C .. +60°C
Relative humidity:	5% .. 85%, non condensing
Protection degree:	IP20
Only suitable for insulated conductor	
<i>Application conditions</i>	
Standard:	IEC61869-2
Rated short-time thermal current (I <sub>th</sub> ):	100 x I <sub>n</sub> /1s
Continuous thermal current (I <sub>th</sub> ):	100%
Rated insulation level:	0,72/3/-kv
Rated frequency:	50/60Hz
Class of insulation:	E
Primary window dimensions:	Max. Ø 45 mm
Secondary terminal:	Screw terminals (max 2Nm)

### Wiring diagram



For a transformer with a double ratio:



For example 100-200/1A

S1 and S2 = 100/1A  
S1 and S3 = 200/1A

### Dimensions

