

## TQ120 - Split-core Current Transformer

The TQ120 is a very compact split-core current transformer suitable for low as well as for medium voltage systems. The units are compact and can be mounted beside each other for a phase distance of 120 mm or more. The unit is specially designed for prefabricated - isolated medium voltage - cables with conus connector and can be used in new as well as in existing systems. The accuracy of the unit results in highly accurate power measurements. The TQ120 is easy to install and the top parts can be removed completely.



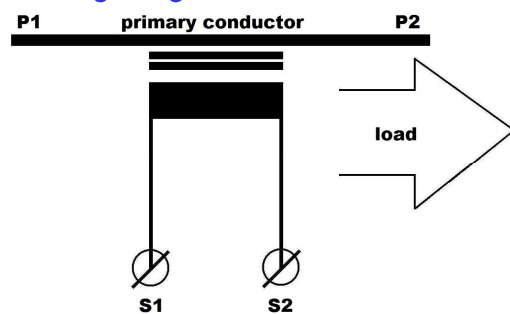
### Technical specifications

<b>Environmental conditions</b>	
This product is designed to be safe under the following conditions:	
Location:	Indoor use
Operating temperature:	-40°C to +60°C
Relative humidity:	5% - 85%, non condensing
Protection degree:	IP20
Only suitable for insulated conductor	
<b>Application conditions</b>	
Standard:	IEC 60044-1:2003
Rated short-time thermal current:	100 x In/1s
Continuous thermal current:	100%
Rated insulation level:	0,72/3/-kv
Rated frequency:	50/60Hz
Class of insulation:	E
Primary window dimensions:	Ø 45 mm
Secondary terminal:	Screw terminals (max 2Nm)

### Ordering specifications

Ratio	Class	Burden	Article number
100-200/1A	5P10	1,5-4VA	4Q12F90
300/1A	5P10	4VA	4Q12F99
400/1A	5P10	4VA	4Q12F99
500/1A	5P10	4VA	4Q12F99
100-200/1A	1	1,5-4VA	4Q12F99
300/1A	1	4VA	4Q12F99
400/1A	1	4VA	4Q12F99
500/1A	1	4VA	4Q12F99
200/5A	1	4VA	4Q12F99
300/5A	1	4VA	4Q12F99
400/5A	1	4VA	4Q12F99
500/5A	1	4VA	4Q12F99

### Wiring diagram



### Dimensions

