

TQ120 - Split-core Current Transformer

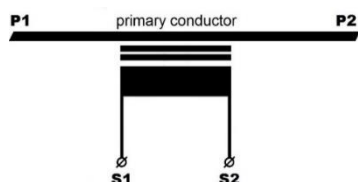
TQ120 is a very compact split-core current transformer suitable for low voltage systems. The unit is easy to install while the top part can be removed entirely. This makes the unit also very suitable for use with isolated cables with conus connector in medium voltage systems. Also, the units are compact 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.



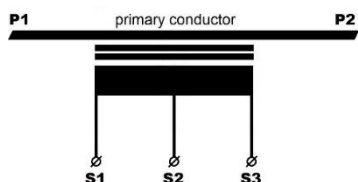
Ordering specifications

Ratio	Class	Burden (VA)	Article number
100-200/1A	5P10	2-4	4Q12F90
	1	1,5-4	4Q12F09
200/1A	0,5S	2,5	On request
250/1A	0,5S	2,5	On request
300/1A	5P10	5	4Q12F92
	0,5-1	7,5-15	4Q12F11
	0,5S	2,5	On request
400/1A	5P20	5	4Q12F93
	0,5-1	7,5-15	4Q12F12
500/1A	5P20	5	4Q12F94
	0,5-1	15-20	4Q12F13
	0,5S	2,5	On request
600/1A	0,5-1	15-20	4Q12F14
	0,5S	2,5	On request
200/5A	1	4	4Q12F59
250/5A	0,5S	2,5	On request
300/5A	1	5	4Q12F61
	0,5S	2,5	On request
400/5A	1	5	4Q12F62
	0,5S	2,5	On request
500/5A	1	10	4Q12F63
	0,2S	2,5	On request
600/5A	1	10	4Q12F64
	0,2S	2,5	On request

Wiring diagram



For a transformer with a double ratio:



For example 100-200/1A

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

Technical specifications

Environmental conditions	
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	
Application conditions	
Standard:	IEC61869-2
Rated short-time thermal current (I _{th}):	100 x I _n /1s
Continuous thermal current (I _{th}):	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)

Dimensions

