

Summation Transformer for TQ-line

The very compact and highly accurate ELEQ Summation Transformer is specially designed for a grid with dual or triple parallel cables for each phase. The special design makes it possible to sum the outputs from 2 or 3 ELEQ TQ split-core transformers to 1 signal to your multi instrument. Even if the cables are not close to each other the ELEQ Summation Transformer is able to make it possible to measure the complete power off all cable's.



Ordering Specifications*

Ratio	Class ¹⁾	Burden	Article Number
1+1/1 A	1	0,2 VA	4D8001
1+1+1/1 A	1	0,2 VA	4D8002

1)1) Accuracy conform IEC 61869-2, valid from 5 to 120% In. The total error with 3 inputs will be 2-times the normal accuracy of the CT (about 2% error for kWh measuring)

2)* Available with different ratio's and up to 9 inputs possible on request. Please contact our sales department for the possibilities.

Technical Specifications

Environmental conditions

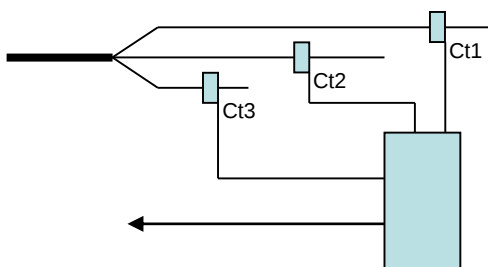
This product is designed to be safe under the following conditions:

Location:	Indoor use
Operating temperature:	-5 °C .. +40 °C
Relative humidity:	5% .. 85%, non condensing
Protection degree:	IP20

Application conditions

Standard:	IEC61869-2
Rated short-time thermal current:	60 x In / 1 s
Continuous thermal current (I _{cth}):	100%
Rated insulation level:	0,72/3/-kV
Rated frequency:	50/60 Hz
Class of insulation:	E
Secondary leads:	Spring Pressure Connector, max 1.5 mm ²

Wiring Diagram



For example 3 x 100/1A = 300/1A

Dimensions

