

TILLQUIST

LQT60 **CONFIGURABLE** **MULTI TRANSDUCER** **FOR ALL ELECTRICAL** **NETWORKS**



LQT60 is a configurable multi transducer for all electrical networks. Any of the parameters can be linked to the 5 analog outputs. There are 2 pulse outputs for kWh+ and kWh-.

The configuration is simple with the software "ConfigLQT" through the USB port.

It cannot be much simpler than this!

Input**Voltage**

Voltage range (Un)	100 – 400 V main voltage (nominal)
Overload voltage	1.5 x Un – continuously, 2 x Un – 10 s
Measuring range	0 – 500 V TRMS
Consumption	U x 1 mA / phase
Frequency	10...40...70...120 Hz

Current

Current (In)	1, 2 or 5 A TRMS
Overload current	2 x In continuously, 10 x In 15 s, 40 x In 1 s
Consumption	<0.05 VA / phase
Measuring range	0 – 1.6 x In

Supply voltage

Power supply	24 – 250 VDC \pm 10%
	80 – 250 VAC \pm 10%
Burden	max 8 W

Output**Analog**

Analog output	5
Range	+/- 20 mA
	+/- 10 V (option)
External resistance load	max 750 ohm (15V)
Response time	<100 msec

Digital

Digital output	2 transistor 250V AC/DC, 100 mA
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Communication

Serial	RS485
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General data

Accuracy	0.2
Galvanic isolation	Supply, in- and output are galvanically isolated
USB	1 port for configuration
Temperature	-10...+55 °C (operation), -40...+70 °C (storage) temperature coefficient less than 0.1% / 10 °C
Test voltage	4 kV AC / min
Inputs	overvoltage cat. III
Outputs	overvoltage cat. II
Pollution degree	2
Dimension (B x H x D)	150 x 70 x 73 mm – DIN-rail
Weight	ca 0.5 kg
Standards	SS-EN 60688 Transducers SS-EN 601010 Safety EN 61000-6-2 / -6-4 EMC



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