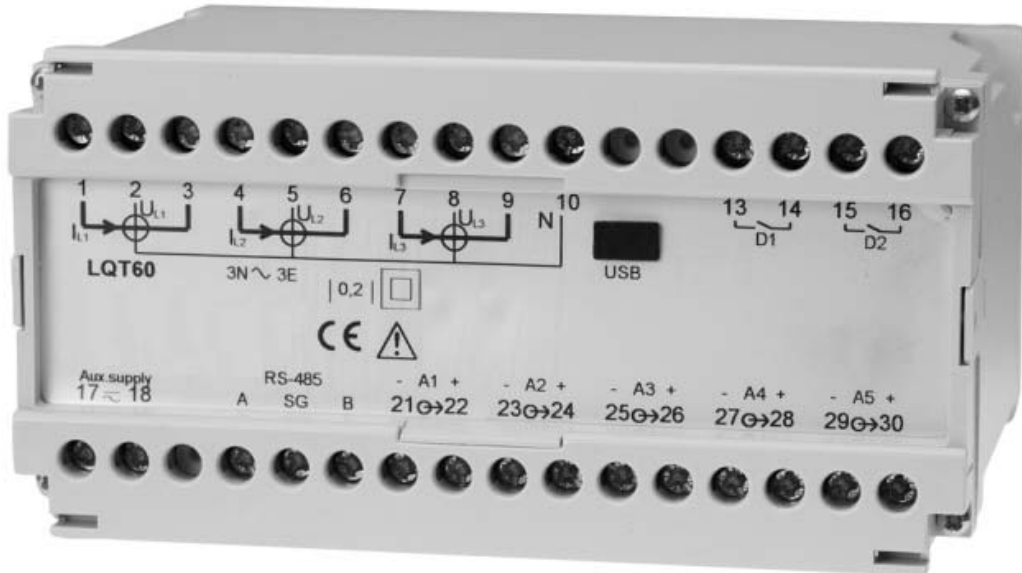


Data Sheet

CONFIGURABLE MULTI TRANSDUCER FOR ALL ELECTRICAL NETWORKS

LQT60

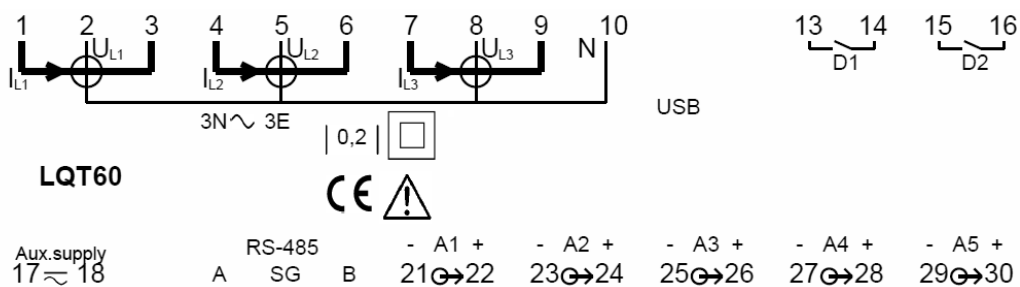


Application

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-.

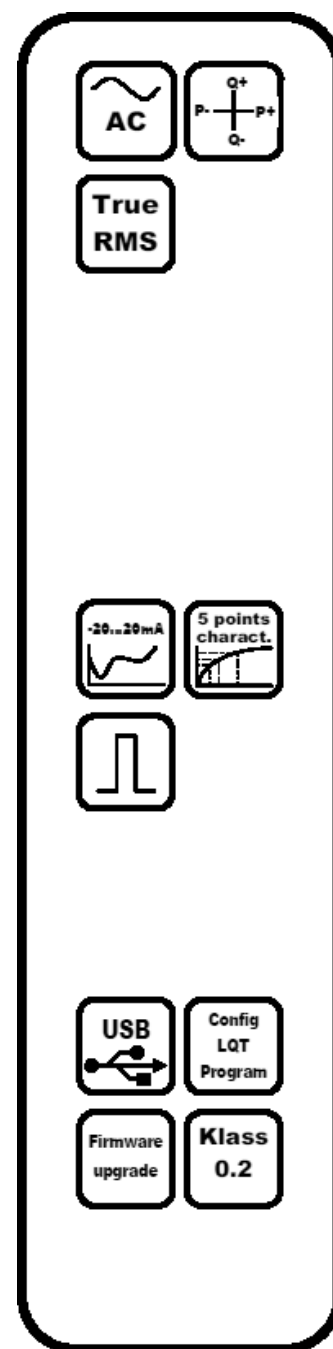
The configuration is simple with the software "ConfigLQT" through the USB port.

Connections



Technical Data

Input	Voltage	
	Voltage range (Un)	100 – 400 V main voltage (nominal)
	Measuring range	0 – 500 V TRMS
	Overload voltage	1.5 x Un – continuously, 2 x Un – 10 s
	Consumption	U x 1 mA / phase
	Frequency	10...40...70...120 Hz
	Current	
	Current (In)	1 – 5 A
	Measuring range	1 – 10 A TRMS
	Overload current	2 x In continuously, 10 x In 15 s, 40 x In 1 s
	Consumption	<0.05 VA / phase
	Supply voltage	
	Power supply	24 – 250 V _{DC} , 80 – 250 V _{AC}
Burden	max 8 VA	
Outputs	Analog outputs	5
	Range	+/- 20 mA +/- 10 V (option)
	External resistance load	max 750 Ohm (15V)
	Response time	<100 msec
	Response time	<100 msec
	Digital outputs	2 transistor 250V AC/DC, 100 mA
	Serial communication	RS485
	General data	Accuracy
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
Operating voltage		300 V (rated voltage phase to zero)
Measurement category		CAT III
Pollution degree		2
Dimension (B x H x D)		150 x 70 x 73 mm – DIN-rail
Weight		ca 0.5 kg
Standards		EN 60688 Transducers EN 61010-1 Safety EN 61000-6-2 / -6-4 / -6-5



- Specifications subject to change without notice; date of issue 05/14 -

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