

# SINGLE PHASE NETWORK ANALYZER - 17,5 mm

## ALL-IN ONE Current Transformers Input

# QE-POWER-M



**The smallest SINGLE PHASE network analyzer for all current probes.** Ready to be connected with your Monitoring/Datalogger system. RS485 Modbus RTU and configurable digital contact available. All in one Current Transformers input and two versions to cover all of your measurement needs.



Model	QE-POWER-M
CURRENT INPUT	<b>1/5 A</b> <b>0...333mV</b> <b>Rogowski probes</b>

Versions	STD	PLUS
POWER SUPPLY	10...40 V DC o 19...28 V AC - 50/60Hz	
VOLTAGE INPUT	Direct connection up to 500V RMS maximum (40...70Hz)	
	Transform Ratio for CT and VT available	
OUTPUT	RS485 Mobus RTU and SPST Digital Contact (<40 V, <100mA)	
AVAILABLE MEASURE	<b>I rms, V rms</b> <b>I pk, V pk</b> <b>P : Active Power ( W )</b> <b>Q : Reactive Power (VAR)</b> <b>S : Apparent Power (VA)</b> <b>Frequency</b> <b>Power Factor (Inductive / Capacitive)</b> <b>Energy ( kWh)</b> <b>Bidirectional Energy (kWh), positive and negative</b> <b>Active and Reactive Energy (kVARh) - ( Inductive / Capacitive )</b> <b>Crest Factor</b>	
	-	Tanφ, average (inductive/Capacitive) Power Factor average
	-	Power Factor Distortion (inductive/Capacitive) average
	-	THD (V, I)
	-	Power measurement : min, average and max
	-	Max Demand over 15minutes Time at which arises max demand (per month) Time above a threshold
	-	K Factor ( IEEE Standard 1100-1992)

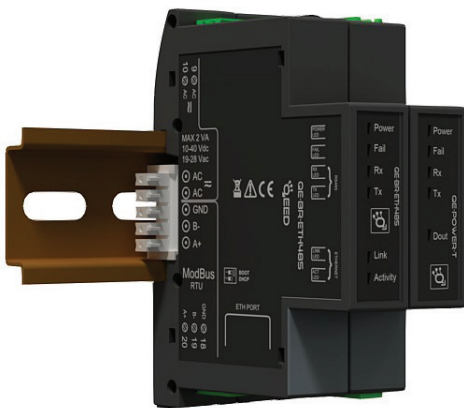
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## ALL-IN ONE Current Transformers Input

# QE-POWER-M

Accuracy ( @25°C, 50Hz)	QE-POWER-M
VOLTAGE (Un: 230/400 V)	+/- 0,5% RDG ( 10...100% Un )
CURRENT (In= 5A)	+/- 0,5% RDG ( 5...100% In )
FREQUENCY	+/- 0,1 Hz from 40...70Hz;
POWER	<b>ACTIVE</b> : +/- 0,5% RDG ; <b>REACTIVE</b> : +/- 0,5% RDG
ENERGY	<b>ACTIVE</b> : Class C according to EN50470-1/3 or Class 0,5 S according to EN62053-22 <b>REACTIVE</b> : Class 0,5 S according to EN62053-24

Other features:	
ABSORPTION	< 500mW @ 24V DC
SAMPLING RATE	6400 Hz @ 50Hz
BAUDRATE RS485	from 1200...115200 Baud (standard 9600 )
THERMAL DRIFT	< 100ppm/°C
WORKING TEMPERATURE	-10°C...+60°C
STOCK TEMPERATURE	-20°C...+85°C
RELATIVE HUMIDITY	10... 90% not condensing
ALTITUDE	Up to 2000 m s.l.
FIXING SYSTEM	On DIN rail , ready to be mounted on T-BUS system
CONNECTIONS	n°4 removable connectors: n°2 of 2 poles 3,5mm step, n°1 of 2 poles 5,08mm step, n°1 3 poles 3,5mm step
DIMENSIONS	93 x 17,5 x 68,3 mm (without connectors )
WEIGHT	60 gr.
DIP-SWITCH	2 poles ( Baudrate and Address) for connection with the configuration software FACILE
LED	N°5 : Power (Green), Comm (Yellow), TX e RX (Red), Digital contact (Green)
STANDARD REFERENCES	EN61000-6-2; EN61000-6-4; EN61000-4-2; EN61000-4-3; EN61000-4-4; EN61000-4-5; EN61000-4-6; EN61010-1; EN61010-2-30



QE-POWER-M + QE-BR-ETH485 ( TCP/IP module)

