THREE PHASE NETWORK ANALYZER - 17,5 mm

Compliant to POWER QUALITY REQUIREMENT ALL-IN ONE Current Transformers Input

QE-POWER-T



The smallest three phase network analayzer 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 three versions to cover all of your needs.











Model	QE-POWER-T				
CURRENT INPUT	1/5 A 0333mV				
	Rogowski probe				
Versions	STD	PLUS	PRO		
POWER SUPPLY	1040 V DC o 1928 V AC - 50/60Hz				
VOLTAGE INPUT	Direct connection up to 500V RMS maximum (4070Hz)				
	Transform Ratio for CT and VT available				
OUTPUT	RS485 Mobus RTU and Digital Contact (<40 V, <100mA)				
AVAILABLE MEASURE	I rms, V rms				
	I pk, V pk per phase				
	P, P ₁ , P ₂ , P ₃ : Active Power (W)				
	Q, Q ₁ , Q ₂ , Q ₃ : Reactive Power (VAR)				
	S, S ₁ , S ₂ , S ₃ : Apparent Power (VA)				
	Frequency				
	Power Factor total and per phase (Inductive / Capacitive) Energy (kWh) total and per phase				
	Bidirectional Energy (kWh), positive and negative per phase and total				
	Active and Reactive	Energy (kVARh) - (Inductive Crest Factor total and pe	/ Capacitive) total and per phase er phase		
		Tanφ, per phase and	l average (inductive/Capacitive)		
	Power Factor average, total and per phase				
	Power Factor Distortion (inductive/Capacitive) per phase/avg				
	-	THD (V, I)			
		Power measurement : min, average and max per phase and total			
	-	- Monitoring phase sequence			
	Max Demand over 15minutes, total and per phase Time at which arises max demand (per month), total and per phase Time above a threshold, total and per phase				
		K Factor (IEEE Standard 1100-1992)			
	-	-	Harmonics Analisys up to 63th		
	-	-	InterHarmonics Analysis up to 63th		
	-	-	SAG / SWELL -Voltage interruption		

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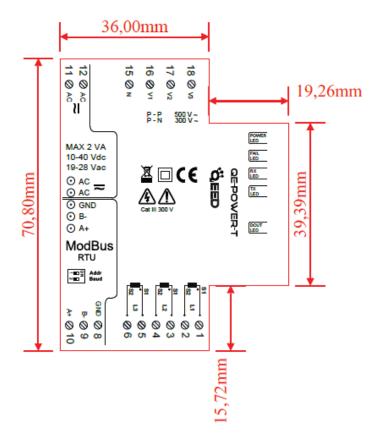
Compliant to POWER QUALITY REQUIREMENT ALL-IN ONE Current Transformers Input

QE-POWER-T

Accuracy (@25°C, 50Hz)		QE-POWER-T	
VOLTAGE	(Un: 230/400 V)	+/- 0,5% RDG(10100% Un)	
CURRENT	(In= 5A)	+/- 0,5% RDG (5100% ln)	
FREQUENCY		+/- 0,1 Hz from 4070Hz;	
POWER		ACTIVE : +/- 0,5% RDG; REACTIVE : +/- 0,5% RDG	
ENERGY		ACTIVE: Class C according to EN50470-1/3 or Class 0,5 S according to EN62053-22	
		REACTIVE: Class 0,5 S according to EN62053-24	

Other features:		
ABSORPTION	< 500mW @ 24V DC	
SAMPLING RATE	6400 Hz @ 50Hz	
BAUDRATE RS485	from 1200115200 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: 2, 3, 6 poles 3,5mm step, 4 poles 5,08mm 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	





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