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 or 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 or			
	Digital Contact (03,3 V, 50mA max)			
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	d 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 63 th	
	-	-	InterHarmonics Analysis up to 63 th	
	-	-	SAG / SWELL -Voltage interruption	
	I	1		

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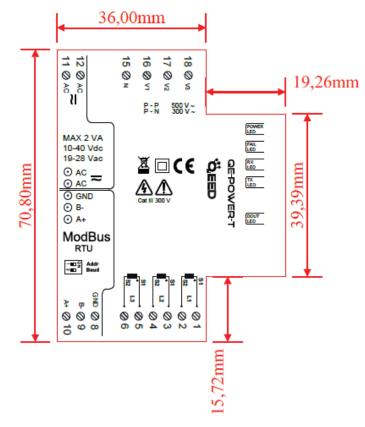
Compliant to POWER QUALITY REQUIREMENT ALL-IN ONE Current Transformers Input

QE-POWER-T

Accuracy QE-POWER-T		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: +/-1%RDG; REACTIVE: +/-2% RDG
ENERGY		ACTIVE: Class B according to EN50470-1/3 or Class 1 according to EN62053-23
		REACTIVE: Class 2 according to EN62053-23

Other features:		
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.	
ENCLOSURE	PBT, grey	
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	EN 61000-6-3; EN61000-4-2; EN61000-4-3; EN61000-4-4; EN61000-4-5; EN61000-4-6; EN61010-1; EN61010-2-30	





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