

RTU-Power

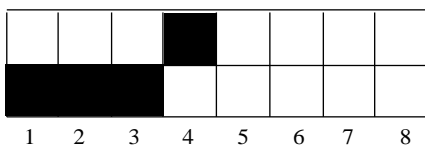
Performance parameters

accuracy	≤±0.5%
power	8--30V DC
Measuring load	Three-Line/Three-phase four-wire
Current input range	0~10A
Voltage input range	0~500V
Rated frequency	50Hz ± 5Hz
Protocol	Modbus-RTU
communication method	RS485 or RS232
Communication rate	2400 4800 9600 19200 selection
Communication format	8 Data bits, 1 Stop Bit, No parity
Logging Rate	40 year
Visual indication	LED
size(mm)	145*90*40mm
Installation method	DIN
ambience	5%RH~95% 40~85°C

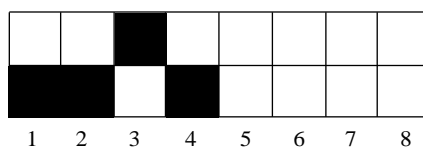


BaudRate setting:

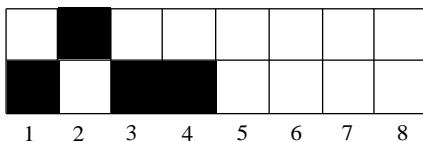
2400



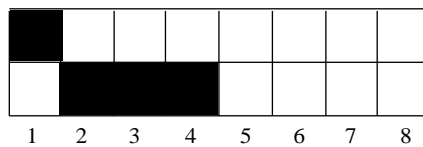
4800



9600



19200



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Parameter name	Address register	Calculation formula of true value	
A Ia (A)	40001	value *K /640	
B Ib (A)	40002	value *K /640	
C Ic (A)	40003	value *K /640	
A Ua (V)	40004	value / 32	
B Ub (V)	40005	value / 32	
C Uc (V)	40006	value / 32	
Total active power: Pt (KW)	40007	value *K / 1280	
Total reactive power: Qt (KVar)	40008	value *K / 1280	
Total apparent power: St (KVA)	40009	value *K / 1280	
Grid frequency: Freq (Hz)	40010	value / 32	
Total active energy: Wpt (KWh)	40011 40012	value *K /1024	
Total reactive energy: Wqt(KVarh)	40013 40014	value *K /1024	
Total power factor: $\cos \phi t$	40015	value / 32768	
A Phase active power: Pa (KW)	40016	value *K / 5120	
B Phase active power: Pb (KW)	40017	value *K / 5120	
C Phase active power: Pc (KW)	40018	value *K / 5120	
A Phase active power: Qa (KVar)	40019	value *K / 5120	
B Phase active power: Qb (KVar)	40020	value *K / 5120	
C Phase active power: Qc (KVar)	40021	value *K / 5120	
A Phase active power: Sa (KVA)	40022	value *K / 5120	
B Phase active power: Sb (KVA)	40023	value *K / 5120	
C Phase active power: Sc (KVA)	40024	value *K / 5120	
A Phase active power: $\cos \phi a$	40025	value / 32768	
B Phase active power: $\cos \phi b$	40026	value / 32768	
C Phase active power: $\cos \phi c$	40027	value / 32768	
A Phase active energy: Wpa (KWh)	40028 40029	value *K /1024	
B Phase active energy: Wpb (KWh)	40030 40031	value *K /1024	
C Phase active energy: Wpc (KWh)	40032 40033	value *K /1024	
A Phase active energy: Wqa(KVarh)	40034 40035	value *K /1024	
B Phase active energy: Wqb(KVarh)	40036 40037	value *K /1024	
C Phase active energy: Wqc(KVarh)	40038 40039	value *K /1024	
Phase failure condition : DX	40040	DX= value	