



KY5000Datasheet

Model	KY5000-A	KY5000-B	KY5000-C
Specifications			
Measuring range	Voltage	10~500V	
	Current	0.01~5A	
	Active power	0~9999kW	
	Reactive power	0~9999KVar	
	Apparent power	0~9999KVA	
	Active electric energy	0~99999999kWh	
	Reactive energy	0~99999999kVarh	
	Power factor	0.20~1.0	
	Frequency	45~65Hz	
Measurement accuracy	Voltage	0.2%	
	Current	0.2%	
	Active power	0.5%	
	Reactive power	0.5%	
	Apparent power	0.5%	
	Active electric energy	0.5%	
	Reactive energy	0.5%	
	Power factor	±0.02	
	Frequency	±0.02	
Output	2-way switch input, 2-way relay output		
Communication	RS-485 data communication, MODBUS protocol, RTU mode		
Voltage input range	10~500v allowable overload: 120% * range		
Current input range	0.01~5A allowable overload: 2 times rated continuous, 10 times rated for 2 seconds		



Working power	AC:85~265V, 45~65Hz		
Power waste	<5VA		
Working temperature	-20~55℃		
Working humidity	20~95% No condensation		
Storage temperature	-25~+75℃		
Storage humidity	20~95% No condensation		
Altitude	<2000M		
Dimensions	86(D) x 86(W) x 100(H)	96(D) x 96(W) x 76(H)	63(D) x 125(W) x 74(H)
Installation mode	Embedded installation, opening size:83mm*83mm	Embedded installation, opening size:91mm*91mm	DIN rail type:35mm*7.5mm