

Single Phase AC Watt / Hour Meter

Certificates 



Model No.

KDL - 

① Input

W W,Wh(6digit)
G V,A,W

② Communication (Option)

C RS-485
NA None

 Customized product can be produced by order.

 How to order KDL-HC : Watt hour meter with communication
KDL : Wattmeter without communication

 KDL-W only indicates W and $\pm$ Wh.

Specification

Aux. power	AC 90 ~ 260V(50/60Hz) / DC110V
Operating temperature	-10~50℃
Operating humidity	20~85%
Insulation resistance	More than 10MΩ
Surge impulse	Voltage(1.2μs/ 50μs,5kV) Current(8μs/ 20μs)
Burst	Level 4(IEC 61000-4-4)
Withstand voltage	AC 2kV/1 minute
Maximum input	A-200% 10 seconds, 120% continuous V-150% 10 seconds, 120%continuous
Weight	250g

Input

Range	AC voltage	30~300V
	AC current	0.05~5.5A(rated CT : 5A)
Accuracy	V/A/W	$\pm$ (0.3% of rdg + 0.2 of F.S)
	Wh	$\pm$ (Watt accuracy + 0.1 count/h)

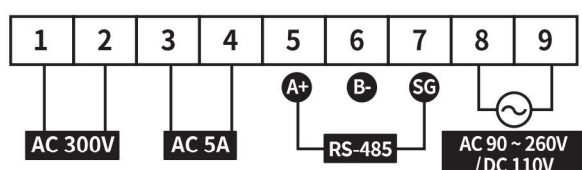
Display

Text height (LED)	20.5(0.8")mm Red
V/A/W Selection method	Front button SW
Measuring interval	1Times / sec
Voltage max display	300.0V
Current max display	5.000~6000
Power max display	9999
Energy max display	999999(6digit)

Primary current selection

5→10→15→20→25→30→40→50→60→70→75→80→90→100→120→125→130→140→150→160→170→175→180→200→225
→240→250→300→400→450→500→600→700→750→800→900→1000→1200→1250→1300→1400→1500→1600→1700→175
0→1800→2000→2500→3000→3200→3500→3600→4000→4500→5000→6000

Connection diagram



Drawing

 Refer to page 80 type A-2