

# DD862 Series Single-phase Watt-hour Meter

## Application

The DD862 single-phase watt-hours meter, an inductive meter, is to meter electric energy consumption. As standard product, it 扭 ℃ ~+50℃ and relative humidity no more than 85%.

## Structure feature

The electromagnetic component is horizontal. The electromagnetic part features separation form. The iron core is half-closed plug-in strip type; the current component adopts two-grade compensation to leave the meter a wide load characteristic. The full-plastic voltage coil can undergo shock by caused by instantaneous big voltage. The bearing structure, alternative of two gemstones and magnetic shaft can assure long life. The two ends of wheel shaft of metering device adopt corundum structure to lower attrition to keep the data stable. The bracket is formed by aluminum alloy die-casting to leave it outstanding mechanical performance. The two-pole Al-Ni-Cobalt damp magnetic steel has high coercive force and features high stability. The copper wiring post and the metbond plastic wiring box are of excellent insulation.



DD862-(A1)  
transparent cover  
six digital



DD862-(A2)  
black plastic cover  
five digital



DD862  
aluminium cover  
five digital



DD862-(A3)  
glass cover  
five digital



DD862-(B1)  
black plastic cover  
six digital



DD862-(B2)  
glass cover  
five digital



DD862-(B3)  
transparent cover  
five digital



DD862-(C1)  
transparent cover  
five digital



DD862-(C2)  
black plastic cover  
six digital

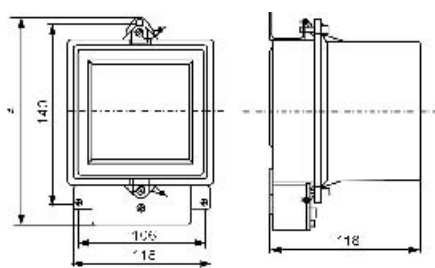


DD862-D  
glass cover  
five digital

## Specification and main technical data

Type	Reference voltage(V)	Basic current Ib(A)	Reference frequency(Hz)	Accuracy (class)	Starting current(%Ib)	Voltage circuit	Active power consumption of
DD862	110 220 240	1.5(6) 2.5(10) 5(20) 10(40) 15(60) 20(80) 30(100)	50~60	2.0	≤0.5%Ib	≤2W/8VA	≤2.5VA

## Outer and mount dimension



Specification(A)	I <sub>max</sub> ≤ 40A	I <sub>max</sub> > 40A
a	167	173

## DD862 Wiring diagram

