

DDS228B

SINGLE PHASE THREE WIRE CONVENTIONAL METER

HUABANG[®]

HUABANG METER 华邦仪表

INTRODUCTION

Single phase three wire active electronic kilowatt-hour meter is designed for electricity utilities residential to measure 60 Hz active energy consumption, the meter developed by microelectronic technology and special large-scale integrated circuits, processing by SMT technology. The Meter is adopt high reliable and long-life electric components, hi-overload, no need to re-calibrate for long term operation, normally this meter will used in Philippines and South American.

FUNCTIONS

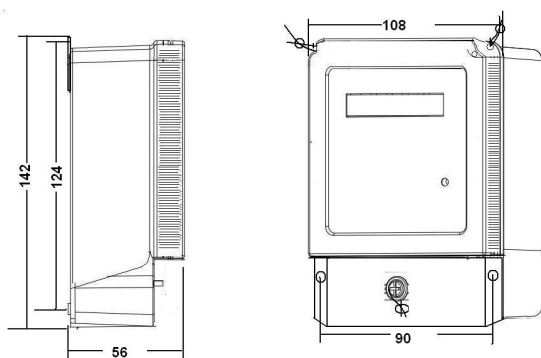
- ◆ Installation: Front board three fixed installation
- ◆ Meter window: Transparent Polycarbonate anti UV
- ◆ Meter base: Opaque Polycarbonate
- ◆ Terminal Cover: Transparent Polycarbonate
- ◆ Display: Cyclometer 5 digits or LCD display 6+2 digital
- ◆ Active energy pulse output for calibration and collection of energy, outputting port type is passive isolated, Pulse width: $80\text{ms} \pm 20\text{ms}$
- ◆ Internal power loss: Voltage circuit no more than 2W, Current circuit no more than 10VA
- ◆ Forward active energy and reverse active energy measurement
- ◆ Two LED lights, one is Power signal flashing when power on; another is Reverse direction of energy
- ◆ Meter key components and part all adopts long life type
- ◆ Meter comply with international standard IEC62053-21 & IEC62052-11
- ◆ Dimension: 108mm width, 142mm length, 56mm height



TECHNICAL PARAMETERS

Model NO.	DDS228B
Accuracy	Class 1.0
Rated voltage	AC 110/220V, 120/240V
voltage range	$0.8 \sim 1.2U_n$
Rated current	10(100)A
Operation current range	$0.05I_b \sim I_{max}$
Starting current	$0.4\%I_b$
Rated frequency	60 Hz
Power consumption	2W / 10VA
Impulse constant	1600imp/kWh
Relative humidity	$\leq 95\%$
Operation temperature	$-10^{\circ}\text{C} \sim +60^{\circ}\text{C}$

DIMENSION



WIRING DIAGRAM

