

# DDS228

SINGLE PHASE SMART CONVENTIONAL METER

**HUABANG**<sup>®</sup>

HUABANG METER 华邦仪表

## INTRODUCTION

Single phase two wire active electronic kilowatt-hour meter RS485 & infrared, LCD display, which is used to measure 50/60 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.

## FUNCTIONS

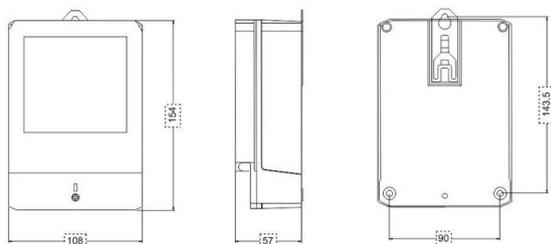
- ◆ Installation: Front board three fixed installation
- ◆ Meter Case Material: ABS Anti Flaming
- ◆ Display: LCD display 6+1 digits
- ◆ Standard configuration one port of pulse output passive
- ◆ Forward active energy and reverse active energy measurement
- ◆ The Meter comply with international standard IEC62052-11 & IEC62053-21
- ◆ Communication: RS485 protocol MODBUS RTU
- **Optional Functions**
  1. Voltage (V); Current (A); Frequency ( Hz ); Power (KW); Power factor (COS)
  2. Display readable without Power ( RWP )
  3. Remote control meter power on & off
  4. Tampering: Meter terminal cover extended type
  5. Asymmetric Connection ( L L N N ) and Symmetric Connection ( L N N L )



## TECHNICAL PARAMETERS

Model NO.	DDS228
Accuracy	Class 1.0
Rated voltage	AC 110V, 220V, 230V, 240V
voltage range	0.8 ~ 1.2Un
Rated current	5(30)A, 15(60)A, 20(80)A, 30(100)A
Operation current range	0.05Ib ~ Imax
Starting current	0.4%Ib
Rated frequency	50Hz or 60 Hz
Power consumption	2W / 10VA
Impulse constant	800imp/kWh, 1600imp/kWh
Relative humidity	≤ 95%
Operation temperature	-10°C ~ +70°C

## DIMENSION



## WIRING DIAGRAM

