

DDS228

SINGLE PHASE CONVENTIONAL METER

INTRODUCTION

Single phase two wire active electronic kilowatt-hour meter is designed for electricity utilities residential 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, Normally is used in Asia, especially Philippines.

FUNCTIONS

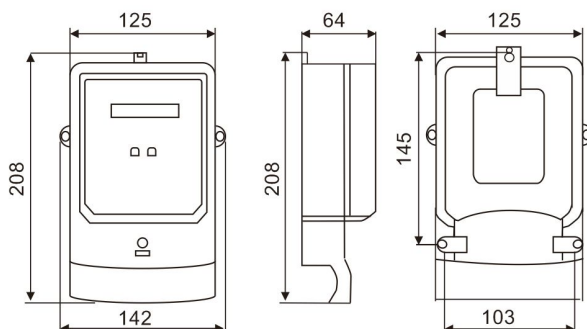
- ◆ Installation: Front board three fixed installation
- ◆ Meter cover: Transparent tough glass
- ◆ Meter base: Aluminum or steel
- ◆ Terminal Cover: Aluminum or steel
- ◆ Display: Register display 5+1 digits or LCD display 6+1 digits
- ◆ Standard configuration one port of pulse output passive
- ◆ Forward active energy and reverse active energy measurement
- ◆ The Meter comply with international standard IEC62052-11 & IEC62053-21
- ◆ Asymmetric Connection (L L N N) and Symmetric Connection (L N N L)
- ◆ Dimension: 208mm width, 142mm length, 64mm height

TECHNICAL PARAMETERS

Model NO.	DDS228
Accuracy	Class 1.0, Class 0.5
Rated voltage	AC 110V, 220V, 230V, 240V
voltage range	0.8 ~ 1.2Un
Rated current	5(60)A, 10(100)A
Operation current range	0.05Ib~ I _{max}
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 ~ +60°C



DIMENSION



WIRING DIAGRAM

