

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 re-calibrate for long term operation

FUNCTIONS

- ◆ Installation: Front board three fixed installation
- ◆ Meter cover: Transparent ABS anti flaming or transparent PC
- ◆ Meter base: ABS anti flaming
- ◆ Terminal Cover: ABS anti flaming or transparent PC
- ◆ Display: Cyclometer 5+1 digits or LCD display 6+2 digital
- ◆ Standard configuration one port of pulse output passive (polarity)
- ◆ Forward active energy and reverse active energy measurement
- ◆ Meter comply with international standard IEC62053-21 & IEC62052-11
- ◆ Dimension: 108mm width, 142mm length, 56mm height (with short terminal cover)

● OPTIONAL FUNCTION

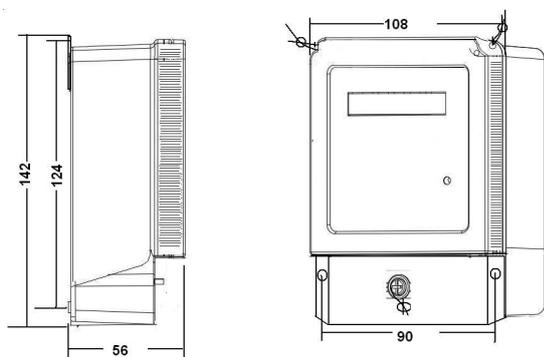
1. Tampering: Meter terminal cover extended type
2. Asymmetric Connection (L L N N) and Symmetric Connection (L N N L)



TECHNICAL PARAMETERS

Model NO.	DDS228
Accuracy	Class 1.0 or Class 2.0
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	≤ 85%
Operation temperature	-10°C ~ +60°C

DIMENSION



WIRING DIAGRAM

