

# 1F-2DIN-LCD

## 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 integrated circuits, processing by SMT technology. The Meter is adopt high reliable electric components, no need re-calibrate for long term operation

### FUNCTIONS

- ◆ Installation: 35mm din rail mounted
- ◆ Dimension: 80x66x36mm
- ◆ Display: Big LCD screen, bigger font let user read value easier
- ◆ Active energy consumption measurement able to store data in chip for long time even when power failure
- ◆ Meter comply with standard metrology technics
- ◆ CE certificate for all rank of products

### OPTIONAL FUNCTIONS :

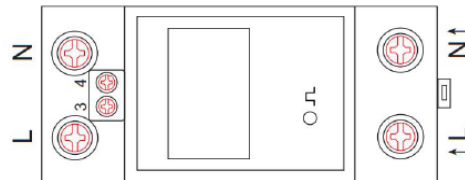
1. LCD Backlight
2. Metering parameters except kWh, also adding the U I P into display
3. Standard configuration port of pulse output passive (polarity)
4. Button for energy clearance

### TECHNICAL PARAMETERS

Model NO.	1F-2DIN-LCD
Accuracy	Class 1
Rated voltage	AC 220V or 110V
voltage range	0.9 ~ 1.1Un
Rated current	5(60)A
Operation current range	0.05Ib ~ Imax
Starting current	0.5%Ib
Rated frequency	50Hz or 60 Hz
Power consumption	1W / 10VA
Impulse constant	1600imp/kWh
Relative humidity	≤ 85%
Operation temperature	-20°C ~ +60°C



### WIRING DIAGRAM



### DIMENSION

