4 MODULAR

SINGLE PHASE DIN RAIL WATT HOUR METER

HUABANG®

HUABANG METER 华邦仪表

INTRODUCTION

Modular DIN Rail Products offer a wide range of functions to be integrated in electrical installations with significant benefits for the user, we have complete range of DIN-mounted electricity Meters together with communication options. It is designed for high level performance and are safe and fast to install.

The meters are available in several configurations to suite many applications, with the increasing energy cost, measuring of the electricity consumption is getting more and more important, If you can identify where you have used you are one step closer to reducing your energy cost, Now start to make energy usage smarter.

FUNCTIONS

♦ Meter case: ABS + PC anti flaming, environment friendly material

♦ Dimension: 75mm width, 88mm length, 73.5mm height

♦ Display: Cyclometer 5+1 digits or LCD display 6+1 digits

♦ Standard configuration pulse output passive (polarity)

♦ Forward active energy and reverse active energy measurement

♦ Directly connect operation, Maximum 100A

♦ Approved by international standard IEC62052-11, IEC62053-21

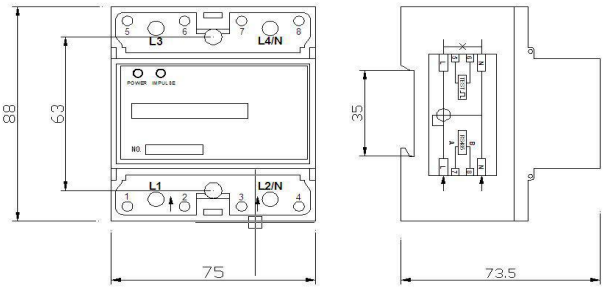
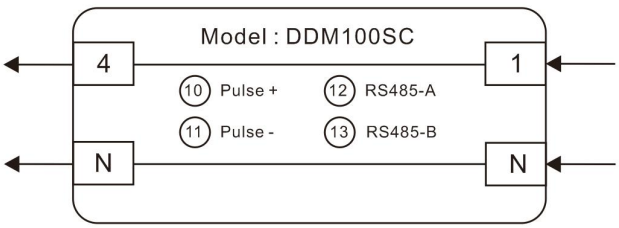
● **OPTIONAL FUNCTION**

1. Communicate RS485 Modbus RTU protocol, baud rate: 1200~9600bps
2. Voltage (V); Current (A); Frequency (Hz); Power (KW); Power factor (COS)
3. Solar power: Import and Export Bidirectional energy measurement base on No.2
4. Relay: Remote control via RS485 cable achieve power on & off based on No.1

TECHNICAL PARAMETERS

Model NO.	DDM100S, DDM100SC, DDM100SCR
Installation	35mm Din Rail Mounted
Accuracy	Class 1.0
Rated voltage	AC 110V, 220V, 230V, 240V
voltage range	0.8 ~ 1.2Un
Rated current	5(30)A, 10(40)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, 3200imp/kWh
Relative humidity	≤ 85%
Operation temperature	-10°C ~ +60°C
Insulation capabilities	AC voltage withstand 2kV for 1 minute Impulse voltage withstand 4kV - 1.2/50μs waveform

DIMENSION



WIRING DIAGRAM