DDS238-4(D1402)

single phase din rail type energy meter

HIKING
Smart meter for IoT

D1402-1

D1402-2

D1402-3

D1402-4

The meter is designed to measure single phase two wire or single phase three wire AC active energy like residential, utility and industrial application. It is a long life meter with the advantage of high stability, high over load capability, low power loss and small volume.

Basic Function

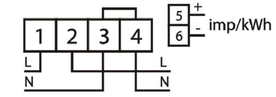
- Mechanical step register 5+1 or LCD display 6+1
- Bi-directional total active energy measurement, reverse active energy measure in the total active energy
- For LCD display type meter, Energy data can store in memory chip more than 15 years after power off
- Power on LED indication
- Pulse LED indicates working of meter, Passive pulse output with optical coupling isolation
- Long terminal cover for wire protection (optional function)
- 35mm din rail installation, bottom wire connection

Technical Data

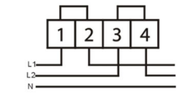
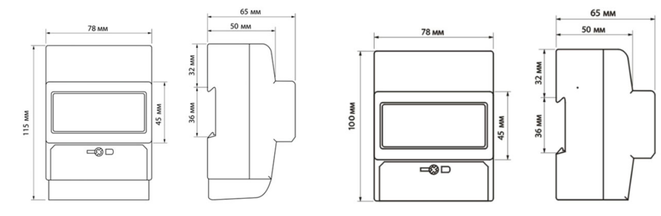
Rate voltage AC	Single phase 2 wire 110V,120V,220V,230,240V (0.8~1.2Un) Single phase 3 wire 110/220V , 120/240V (0.8~1.2Un)		
Rate Current / Frequency	5(60)A , 10(100)A / 50Hz or 60Hz ± 10%		
Connection mode	Direct type	Accuracy class	1% or 0.5%
Power consumption	<1W/10VA	Start current	0.004Ib
AC voltage withstand	4000V/25mA for 60s	Over current withstand	30Imax for 0.01s
IP grade	IP20	Executive standard	IEC62053-21 DIN 43880
Work temperature	-25℃ ~70℃	Pulse output	Passive pulse, 80 ± 5 ms

Wire connection

Single phase 2 wire



Single phase 3 wire



Outline dimension