DDS238-VAP (D1206)

single phase voltage/current protective energy meter



D1206

DDS238-VAP type multi-function Protective energy meter is designed to measure single phase two wire AC active energy and used in overvoltage protection, under voltage protection and overcurrent protection. In case of over-voltage fault, under-voltage fault or over-current fault in line, this product can instantly power off the load to prevent electrical equipment from being burnt. The over-voltage, under-voltage and over-current values of this product can all be set up by yourself and can be adjusted on the basis of local practical condition. It is a long use-life product with the advantage of high stability, high over load capability, low power loss and wide working voltage range.

Basic Function

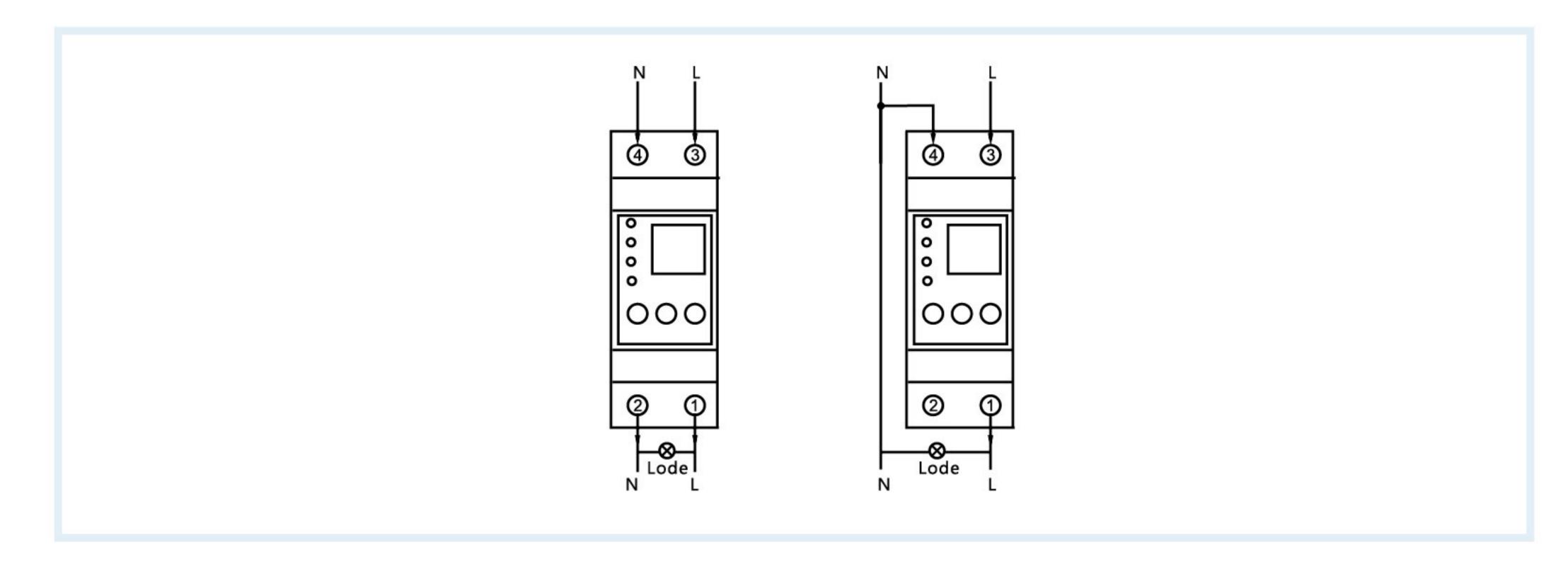
- LCD display with backlight, can display total active energy (kWh), real time current (A), voltage(V), active power (W).
- Product self-design has function of lighting protection
- Overvoltage protection, under voltage protection and over-current protection can select auto-Reclosing mode or manual--Reclosing mode
- In case of over-voltage fault, under-voltage fault or over current fault in single phase line, the product can power off the line and can automatically restore connecting the line over a time delay after voltage of the lien is recovered to normal condition.
- In case of transient over voltage in line, the product can protect the equipment from false operation.
- In case that the line subjects to unstable voltage or sudden power-off and power-on due to loosened connection and other fault, the product will disconnect the line.
- When fault voltage of the line reaches the peak, the product itself will not be damaged.
- Under over-current protection mode, you also can select Malignant load protection (Pure
- Resistive Load limit) which is used for Apartments and Student Dormitories electric safety
- You can select the circuit output cycle switch on/off mode
- Led indication of overvoltage protection, under voltage protection and over-current protection
- Diversified design for the protection, you can closed any one of overvoltage protection, under voltage protection and over-current protection in any time
- 35mm din rail installation



Technical Data

Input working voltage	85~300V AC
Overvoltage protection value	85-300V (default 270V)
Under voltage protection value	85-300V (default 170V)
Over current protection value	1-63A (default 40A) 1-80A(default 60A special order)
1-80A(default 60A special order)	50/60Hz
Rated frequency	2-255s (default 2s)
Delay in switch on after power off	≤ 1W
Voltage circuit power consumption	<1VA
Current circuit power consumption	0~9999.9kWh
Active energy display range	+0.5%
Voltage/current/active power accurate	+1% (IEC62053-21)
Active energy accurate	-25℃ ~+70℃
Operating temperature	-40℃ ~+80℃
Storage temperature	≤ 85%
Relative humidity	≤ 2500m
Altitude	E2
Electromagnetic Environment	≥ 100000 cycles
Mechanical life	≥ 100000 cycles
Export country	Philippines and south American

Wire connection



Outline dimension

