DDS238-4-R single phase din rail type watt hour meter (D1405)

The meter is designed to measure single phase two 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

★Bi-directional total active energy measurement, reverse active energy measure in the total active energy

★Power on LED indication

★ Pulse LED indicates working of meter, Passive pulse output with optical coupling isolation

★35mm din rail installation, bottom wire connection

Technical Data

Rate voltage	110V,120V,220V,230,240V
Working voltage range	0.8～1.2Un
Rate Current	5(60)A,10(100)A or other as required
Frequency	50Hz or 60Hz±10%
Connection mode	Direct type
Display	mechanical step register
Accuracy class	1.0

Noting : other voltage , current are also available . Other function also can be special design as customer requirement
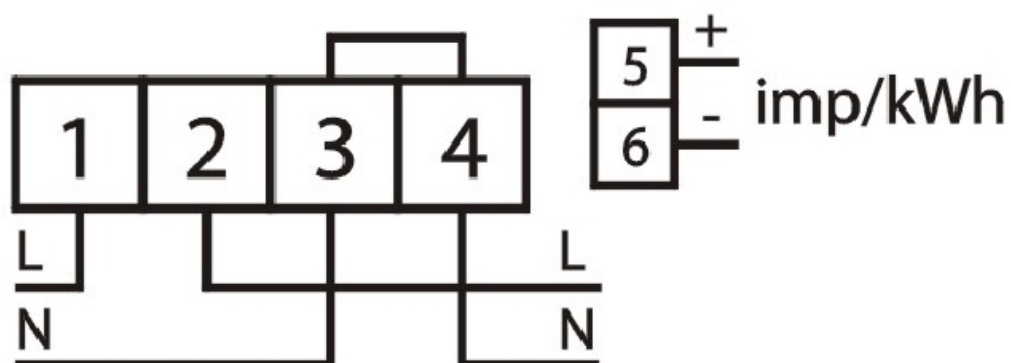
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Power consumption	<1W/10VA
Start current	0.004Ib
AC voltage withstand	4000V/25mA for 60 sec
Impulse Voltage	6kV 1.2μs waveform
Over current withstand	30Imax for 0.01s
IP grade	IP51
Constant	800～3200 imp/kWh
Pulse output	Passive pulse, pulse width is 80±5 ms
Executive standard	DIN 43880, IEC62053-21, IEC62052-11
Outline dimension LXMXH	115x78x65mm (short terminal cover)
	115x78x65mm (long terminal cover)
Weight	Approx 0.3kg

Environment

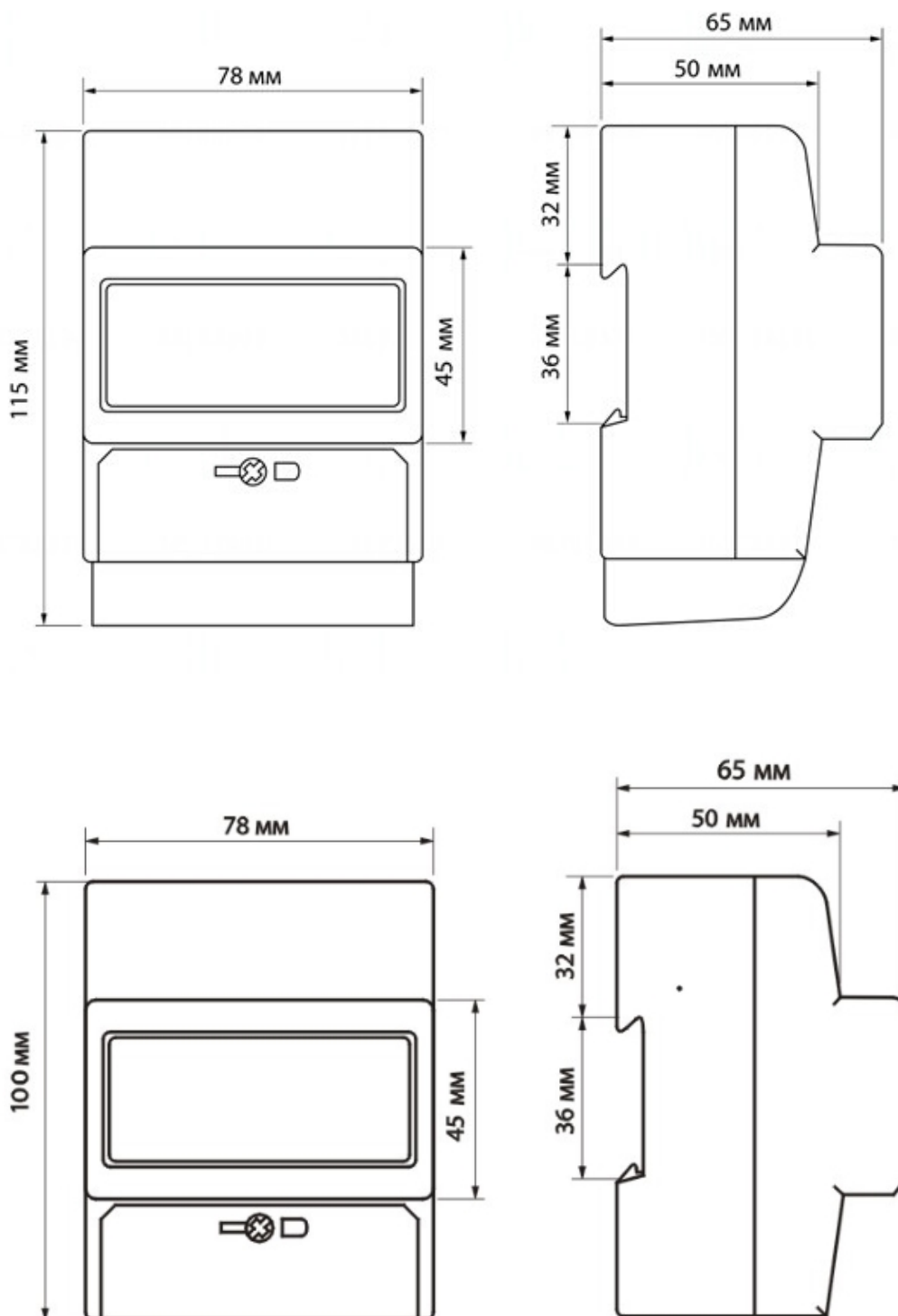|	
Operating temperature	-25℃～55℃
Storage temperature	-40℃～80℃
Reference temperature	23℃±2℃
Relative humidity	0 to 95%, non-condensing
Altitude	Up to 2500m
Warm up time	10s
Mechanical Environment	M1
Electromagnetic Environment	E2
Degree of pollution	2

Wire connection

Noting : other voltage , current are also available . Other function also can be special design as customer requirement

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Outline dimension

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