



ADL200 Single phase energy mete

Short Description:

- **Measurement:** 1-phase AC kWh, Active Power, Curren etc
- **Accuracy:** 1.0% (kWh)
- **Frequency:** 45~65Hz
- **Rated Voltage:** 220~264Vac (direct connect)
- **Rated Current:** 10(80)AAC (direct connect)
- **Communication:** RS485 (MODBUS-RTU)
- **Multi-rate/tariff:** 4 Tariff Rates and etc
- **Dimension:** 90*36*65mm (L*W*H)
- **Installation:** 35mm DIN Rail
- **Standard&Certificate:** IEC; CE;CE-MID;EAC



Send email to us

Certifica'



Product Detail

Download

Certification

[EAC](#)[MID](#)[ROHS](#)

Instructions

[ADL200 Manual](#)

Function

Measurement of kWh: kWh , Kvarh (positive and negative)

Measurement of electrical parameters: U、I、P、Q、S、PF、Hz

LCD Display: 8 digits

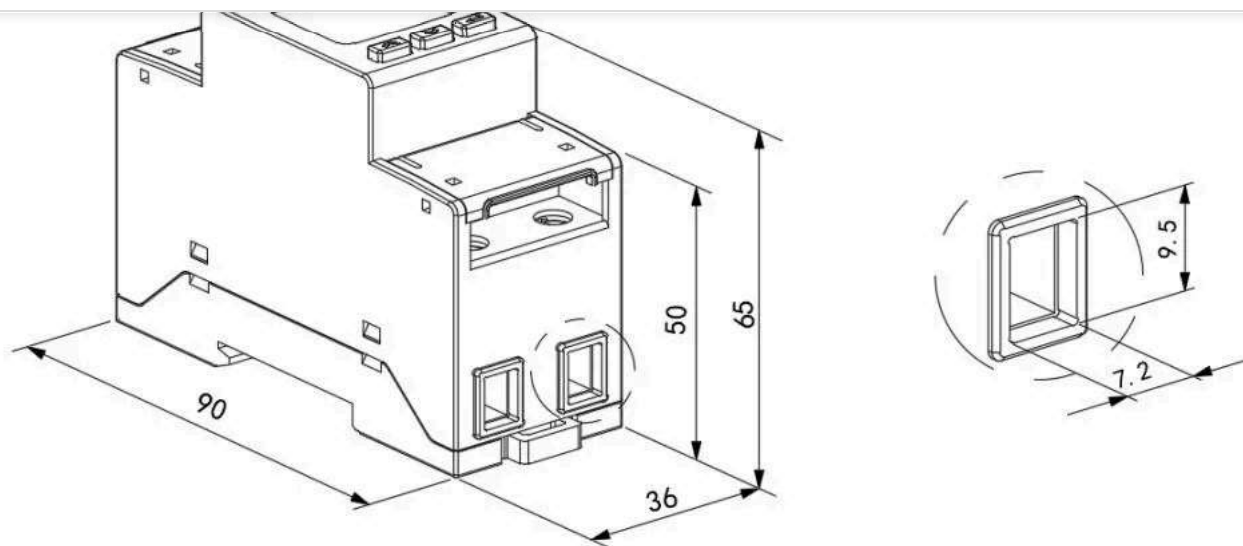
Frequency: 45-65Hz

Pulse output: kWh

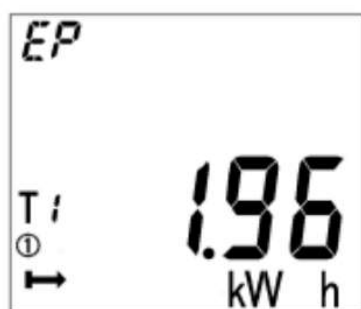
RS485 energy meter



Dimension (Unit:mm)



LCD Display



Total active energy



power



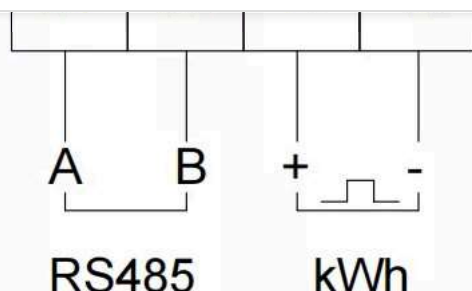
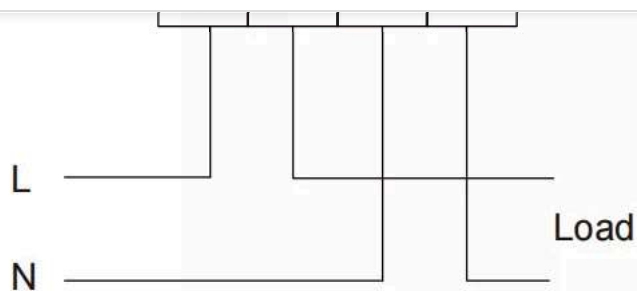
Current



Voltage



Wiring



Installation



1: Push off the buckle on the back side of meter

2: Install 35mm DIN rail on the slot behind meter



3: Buckle up so that DIN rail can be fixed

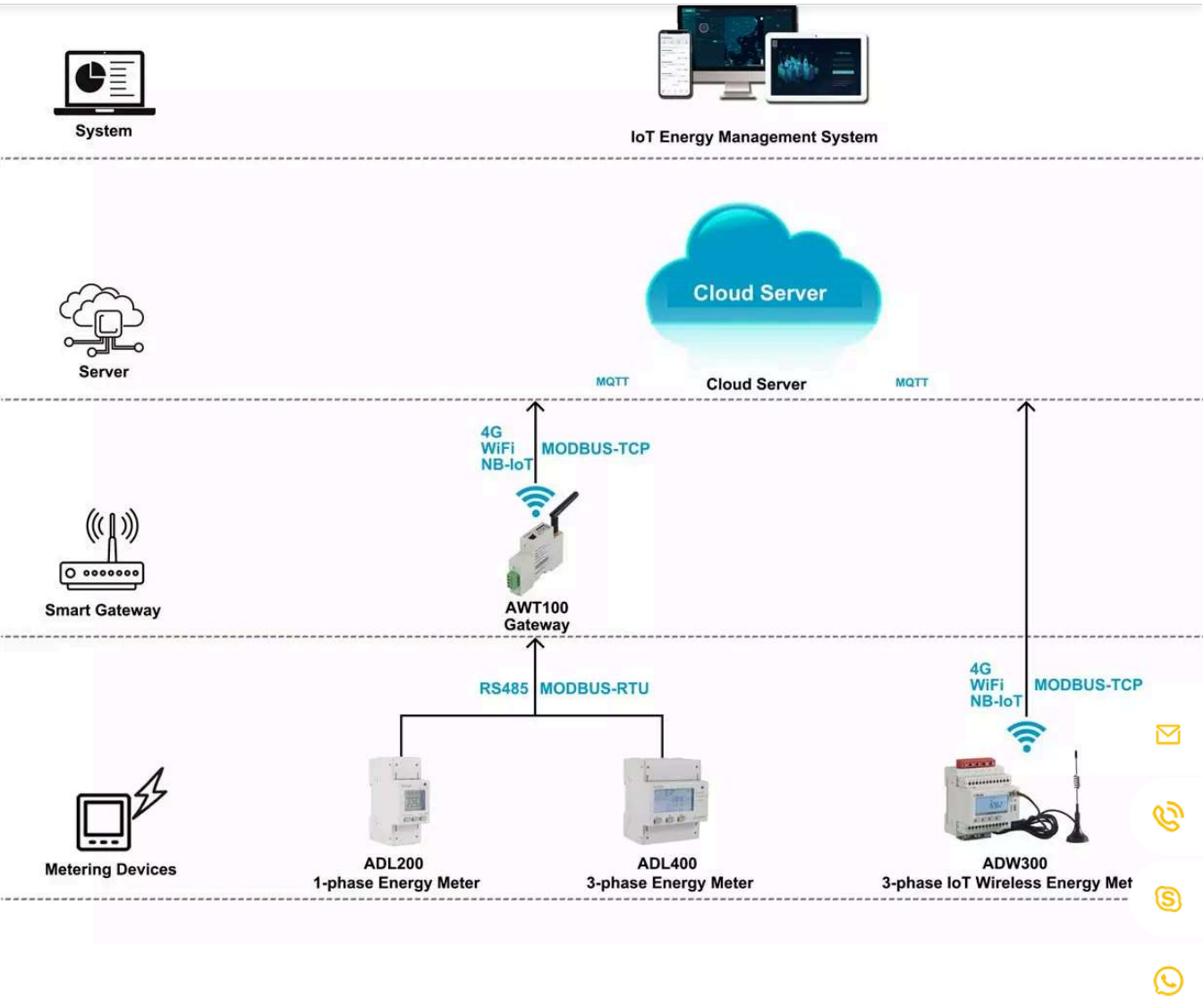
4: Successful installation of the meter



Acrel ADL200 single phase power meter installing

Note: DIN 35 mm rail installation.

Application



Technical Parameters

Function

Measurement of kWh	kWh (positive and negative)
	kvarh (positive and negative)
Measurement of electrical parameters	U、I、P、Q、S、PF、Hz
LCD Display	8 digits
Key	3 keys
LED alarm	voltage loss and over voltage
Pulse output	kWh
Communication	RS485, MODBUS-RTU,Infrared

Electric performance

Voltage	Reference voltage	AC 220V
	Reference frequency	50Hz
	Power consumption	<10VA
Current	Basic current	10A
	Maximum current	80A
	Consumption	<4VA

Active pulse	Pulse width	80±20ms
	Pulse constant	1000imp/kWh
Communication	Interface	RS485
	Protocol	MODBUS-RTU

Working Environment

Temperature	Working	-25℃~55℃
	Storing	-40℃~70℃
Humidity	≤95%(No condensation)	
Altitude	<2000m	

Previous: [ADL100-ET Single Phase Energy Meter](#)

Next: ADL400 Three phase energy meter

Related PRODUCTS



PZ96L-E4/C PV/Solar inverter energy
meter

ADL400 Three phase energy meter

DTSD1352 Three-phase Multi-function
DIN Rail En...

