

## DEMP



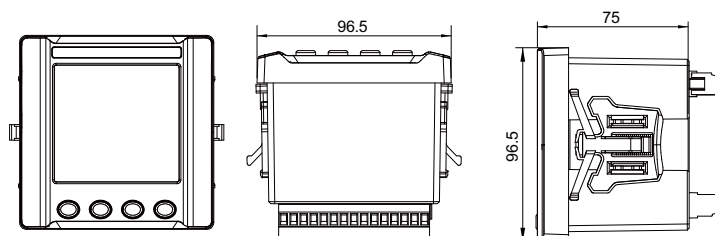
## Features

- Accuracy of measuring Class0.5/ClassD
- Modbus RTU (RS485), optional with WiFi, Lora, 4G, communication
- Tailor for electric energy collection and monitoring with rich features
- 63 harmonics

## Specification

Input	Connection		Single phase-2-wire, 3-phase-3-wire, 3-phase-4-wire
	Frequency		45 ~ 65Hz
	Voltage		Rating:single-phase :AC 100V、 400V Three-phase: AC 3×57.7V/100V(100V)、 3×220V/380V(400V)、 3×380V/660V(660V)(92 only) Overload:1.2 fold rating (continuous) : 2 fold rating for 1 second
	Current		Rating: AC IA、 5A;Overload:1.2 fold rating(continuous); 10fold rating for 1 second;Power consumption:< 0.5VA
Output	Electric energy		Output mode:open-collector photo-coupler pulse ; Pulse constant: 10000imp/kWh(settable) , see wiring diagram for details.
	Communication		RS485port, Modbus -RTU protocol,DLT645 protocol(versions 07 and 97) , baud rate 1200 ~ 38400
	Function	Switching input	Dry contact input, built-in power supply ; if the model is KA,it is AC 220V active.
		Switching output	Output mode: Relay normally open contact output; Contact capacity: AC 250V/3A、 DC 30V/3A
Analog output		4 - 20mA	
Accuracy class			Frequency:0.05Hz,Current、 Voltage:0.2 class,Reactive power:l .0class, Reactive Electric energy:l .0class, active power:0.5class, active electric energy: 0.5class,2-31th harmonic measurement:±1%
Power supply			AC/DC 85-265V or DC24V ( ±20% ) or DC48V(±20%);power consumption≤10VA.
Security	Power frequency withstand voltage		Between Power supply//Switching Output// Current Input//voltage Input and Transmitting// Communication //Pulse Output//switching input AC 2 kV 1min; Between Power supply、 switching output、 Current Input、 voltage Input AC 2 kV 1min; Between Transmitting、 Communication、 Pulse Output、 switching input AC 1kV 1 min.
	Insulation resistance		Rating: AC IA、 5A;Overload:1.2 fold rating(continuous);10fold rating for 1 second; Power consumption:< 0.5VA.
Environment			Work: -25°C~+65°C storage: -40°C ~+80°C;≤2500m.

## Dimensional Drawing



DEMP-AC3-D96