

## DEMP-E



## 特点

- 高精度设计, Class 0.5/Class C
- Modbus RTU (RS485)
- 功能丰富, 满足电量采集和监控需求
- 两种尺寸75\*75mm, 96\*96mm
- 全面认证, CE
- 31次谐波

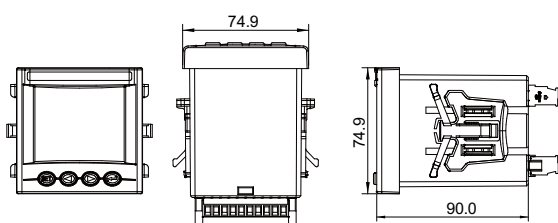
## Features

- Accuracy of measuring Class 0.5/Class C
- Modbus RTU (RS485)
- Tailor for electric energy collection and monitoring with rich features
- Two size with square design, 75\*75mm, 96\*96mm
- Complete approval, CE
- 31 harmonics

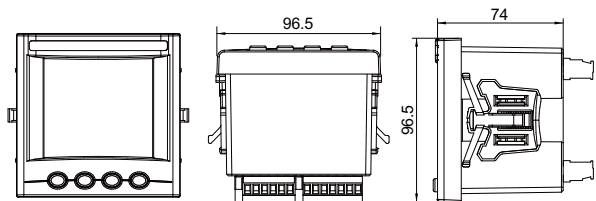
## 规格参数 Specification

输入 Input	接线方式 Connection		单相二线、三相三线、三相四线 Single phase-2-wire, 3-phase-3-wire, 3-phase-4-wire
	频率 Frequency		45 ~ 65Hz
	电压 Voltage		额定值:单相:AC 100V、400V;三相:AC 3×57.7V/100V(100V)、3×220V/380V(400V)、3×380V/660V(660V)(仅92有);过负荷:1.2倍额定值(连续);2倍额定值/1秒; Rating:single-phase:AC 100V、400VThree-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
	电流 Current		额定值:AC 1A、5A;过负荷:1.2倍额定值(连续);10倍额定值/1秒;功耗:≤0.5VA(每路); Rating:AC 1A、5A;Overload:1.2 fold rating(continuous);10fold rating for 1 second; Power consumption:< 0.5VA
输出 Output	电能 Electric energy		输出方式:集电极开路的光耦脉冲;脉冲常数:10000imp/kWh(可设置),详见接线图; Output mode:open-collector photo-coupler pulse; Pulse constant: 10000imp/kWh(settable), see wiring diagram for details.
	通讯 Communication		RS485接口、Modbus-RTU协议;DLT645规约(07和97版本);波特率1200~38400 RS485port, Modbus-RTU protocol,DLT645 protocol(versions 07 and 97), baud rate 1200 ~ 38400
	功能 Function	开关量输入 Switching input	干接点输入,内置电源;若型号KA,则为AC 220V有源 Dry contact input, built-in power supply; if the model is KA,it is AC 220V active.
		开关量输出 Switching output	输出方式:继电器常开触点输出;触点容量:AC 250V/3A DC 30V/3A Output mode: Relay normally open contact output;Contact capacity: AC 250V/3A、DC 30V/3A
		模拟量输出 Analog output	4 - 20mA
测量精度 Accuracy class	频率:0.05Hz,电压:0.2级,无功功率:1级、无功电能:1级、有功功率:0.5级、有功电能:0.5级、2~31次谐波精度:±1% Frequency:0.05Hz,Current、Voltage:0.2 class,Reactive power:1 class,Reactive Electric energy: 1 class, active power:0.5class,active electric energy: 0.5class,2-31th harmonic measurement:±1%		
辅助电源 Power supply	AC/DC 85 ~ 265V或DC24V (±20%) 或DC48V(±20%);功耗≤10VA。 AC/DC 85-265V or DC24V (±20%) or DC48V(±20%);power consumption≤10VA.		
安全性 Security	工频耐压 Power frequency withstand voltage		工频耐压:电源//开关量输出//电流输入//电压输入和变送//通讯//脉冲输出//开关量输入之间AC2kV 1min;电源、开关量输出、电流输入、电压输入两两之间AC2kV 1min;模拟量输出、通讯、脉冲输出、开关量输入两两之间AC1kV 1min。 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 1min.
	绝缘电阻 Insulation resistance		额定值:AC 1A、5A;过负荷:1.2倍额定值(连续);10倍额定值/1秒;功耗:≤0.5VA(每路)。 Rating:AC 1A、5A;Overload:1.2 fold rating(continuous);10fold rating for 1 second; Power consumption:< 0.5VA.
环境 Environment	工作/储存温度:-25°C~+65°C/-40°C~+80°C;海拔高度:≤2500m。 Work:-25°C~+65°C storage:-40°C~+80°C;≤2500m.		

## 产品尺寸图 Dimensional Drawing



DEMP-AC3-D72-E



DEMP-AC3-D96-E