

DEMP



特点

- 高精度设计, Class0.5/ClassD
- Modbus RTU (RS485), 可选WiFi, Lora, 4G 通讯
- 功能丰富, 满足电量采集和监控需求
- 63次谐波

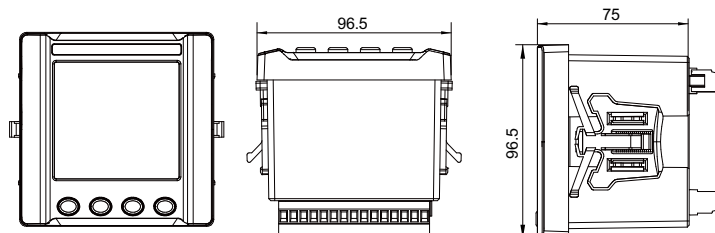
Features

- 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

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、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
	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: 1.0 class, Reactive Electric energy: 1.0 class, active power: 0.5 class, active electric energy: 0.5 class, 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-D96