

DE数字面板表

DE SERIES DIGITAL PANEL METER



特点: FEATURES

- ⊙通用性表壳, 体积小巧 Universal case, compact size
- ⊙测量准确、性能可靠 Precise measuring ,reliable performance
- ⊙具有小数点设定功能 With decimal point setting function
- ⊙AC/DC 12~30V 供电 AC/DC 12~30V Power supply

一、型号及含义 ORDERING CODE

| | |
|--------------|---|
| DE 3A-DA0.02 | 量程代号或量程 range code or range |
| DA | DA: 直流电流 DC Ampere; DV: 直流电压 DC Voltage ; AA: 交流电流 AC Ampere ;AV: 交流电压 AC Voltage |
| 3 | 外型尺寸 Dimensions A:36H×72W(mm) |
| 0.02 | 电流、电压表 Ammeter、Voltmeter 3: 三位半 (3 1/2) |
| | 数字面板表 Digital Panel Meter |

二、型号及技术参数 MODEL NO. AND SPECIFICATION

[1] 交/直流数字电压表 AC/DC DIGITAL VOLTMETER

| 型号Model | 量程Range | 分辨力Resolution | 输入电阻Input resistance | 精度Measuring accuracy | 最大允许输入Maximum input |
|-----------|---------|---------------|----------------------|----------------------|---------------------|
| DE3A-□0.2 | 199.9mV | 100uV | 2MΩ | ±0.3%F.S ±2Digits | 10V |
| DE3A-□2 | 1.999V | 1mV | 2MΩ | ±0.3%F.S ±2Digits | 100V |
| DE3A-□20 | 19.99V | 10mV | 2MΩ | ±0.3%F.S ±2Digits | 250V |
| DE3A-□200 | 199.9V | 100mV | 2MΩ | ±0.3%F.S ±2Digits | 500V |
| DE3A-□600 | 600V | 1V | 2MΩ | ±1%F.S ±2Digits | 1000V |

说明: Notes: “□” 信号类型选择 signal type selection: DV: 直流电压 DC Voltage AV: 交流电压 AC Voltage

[2] 交/直流数字电流表 AC/DC DIGITAL AMMETER

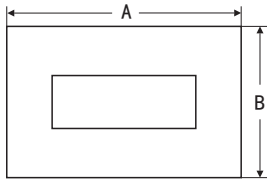
| 型号Model | 量程Range | 分辨力Resolution | 输入电阻Input resistance | 精度Measuring accuracy | 最大允许输入Maximum input |
|-------------|---------|---------------|----------------------|----------------------|---------------------|
| DE3A-□0.002 | 1.999mA | 1uA | 100Ω | ±0.3%F.S ±2Digits | 50mA |
| DE3A-□0.02 | 19.99mA | 10uA | 10Ω | ±0.3%F.S ±2Digits | 150mA |
| DE3A-□0.2 | 199.9mA | 100uA | 1Ω | ±0.3%F.S ±2Digits | 500mA |
| DE3A-□2 | 1.999A | 1mA | 0.1Ω | ±0.5%F.S ±2Digits | 3A |
| DE3A-□20 | 20A | 10mA | DA 5MΩ/AA 0.02Ω | ±0.5%F.S ±2Digits | 24A |
| DE3A-□200 | 200A | 100mA | DA 5MΩ/AA 0.02Ω | ±0.5%F.S ±2Digits | 240A |

说明: Notes: “□” 信号类型选择 signal type selection: DA: 直流电流 DC Ampere ; AA: 交流电流 AC Ampere

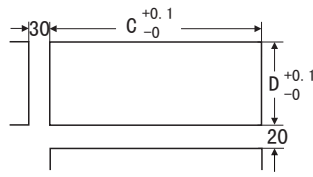
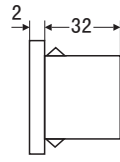
[3] 电压、电流表技术参数 DIGITAL AMMETER,VOLTMETER SPECIFICATION

| | |
|---|------------------------------------|
| 最大显示 Max.display | 1999 (3 1/2) |
| 输入方式 Input mode | 单端输入 Single-end input |
| 测量方式 Measuring mode | 双积分A/D转换 Dual slope A/D conversion |
| 采样速度 Sampling rate | 约2.5次/秒 Abt. 2.5/sec |
| 溢出显示 Overflow indication | “-1” or “1” (3 1/2) |
| 极性显示 Polarity display | 只显示“-” Only “-”display |
| 显示 Display | 红色 LED Red LED |
| 电源 Power supply | AC/DC 12-30V DC 24V≤45mA(3 1/2); |
| 工作温度 Operating temperature and humidity | 0~50℃ 相对湿度 30%~80%RH |

三、外形及表盘加工尺寸 SHAPE AND DIMENSIONS



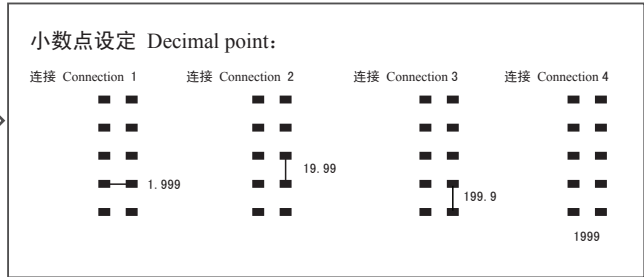
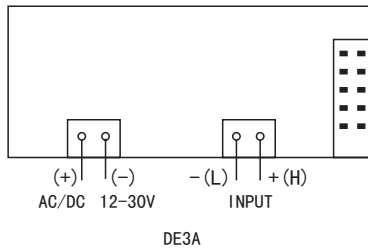
外型尺寸 Dimension



表盘加工尺寸 Panel dimension

| 型号(model) | A | B | C | D |
|-----------|----|----|----|----|
| DE3A | 72 | 36 | 36 | 34 |

四、端子连接 TERMINAL CONNECTION



五、注意 CAUTIONS

- (1) 若输入信号伴随高频干扰，应在线里用高频过滤器。

If the input signal mixes with the high-frequency interference, a high-frequency filter should be used in the wire.

- (2) 当电压与电流表共用一个电源极易造成数字表损坏，各表头应隔离供电。

They are easy to be damaged when the Voltmeter and Ammeter share power supply, so the power supply for the two should be isolated.

- (3) 存放温度：-10℃ ~ +70℃，长期保存应避免直射光线。每三个月通电一次，通电时间不少于4小时。

Storage temperature: -10℃ ~ +70℃, avoid light point-blank when long-time storage, please connect it to the power once every three months and power-on time shouldn't be less than 4 hours each time.

- (4) 本仪表校准时间间隔为一年。 The time calibration for this meter should be once a year.