LT-KH系列数显功率因数表
Digital Power Factor Meter

性能特点 Performance characteristics

1、高精度测量三相电网的功率因数
2、提供数码管显示，本地数据查询
3、电流、电压变比可编程设置
4、辅助电源：AC/DC 80V~270V、AC220V、AC450V、AC100V、DC48V、DC24V
5、多种外形选择，满足不同柜体电气回路的要求

1. High precision measurement of three- phase power factor
2. Provide the digital tube display, local data query
3. Current and voltage gain programmable settings
4. Auxiliary power supply: AC/DC 80V~270V, AC220V, AC450V, AC100V,DC48V、DC24V
5. A variety of shapes, to meet the different requirements of the cabinet body electric circuit

技术指标 Technical index

测量精度
功率因数：0.5级

信号输入
◆接线方式：单相、三相三线、三相四线
◆额定电压：AC 57.7V、AC 100V、AC 220V、AC450V
◆额定电流：AC 1A、AC 5A
◆过负载：电压：1.2倍(持续)、2倍/1秒(瞬时)
　　　　　电流：1.2倍(持续)、10倍/5秒(瞬时)
◆功耗：电压：<1VA/相、电流：<0.4VA/相
◆阻抗：电压：>300kΩ、电流：<20mΩ
◆频率：45~65Hz

辅助电源
◆工作范围：AC/DC 80V~270V、AC220V、AC450V、AC100V、DC48V、DC24V
◆功耗：<4VA

环境
◆工作温度：-10℃~+55℃
◆存储温度：-25℃~+70℃
◆相对湿度：≤93%，无腐蚀性气体场所
◆海拔：≤2500m

安全
◆绝缘电阻：>100MΩ
◆交流耐压：AC 2KV

电磁兼容性能
◆静电放电：4级
◆电快速瞬变脉冲群：4级
◆浪涌(冲击)：4级

Technical index

Accuracy of measurement
Power factor 0.5

Signal input
◆Mode of connection of single-phase three-phase three wire three phase four wire
◆Rated voltage AC 57.7V、AC 100V、AC 220V、AC450V
◆Rated current of AC 1A、AC 5A
◆Overload voltage:1.2 times(Continued), 2 times/second (instantaneous)
　　　　current:1.2 times(Continued), 10 times/5 second (instantaneous)
◆Power consumption voltage:<1VA/, current:<0.4VA/phase
◆Impedance voltage:>300mKΩ, current:<20mΩ
◆The frequency 45~65Hz

Auxiliary power supply
◆Working range of AC/DC 80V~270V, AC220V, AC450V, AC100V,DC48V、DC24V
◆Power consumption<4VA

Environment
◆Working temperature: -10℃~+55℃
◆Storage temperature: -25℃~+70℃
◆Relative humidity is less than 93%, no corrosive gas
◆Elevation≤2500m

Safety
◆Insulation resistance>100MΩ
◆AC withstand voltage AC 2KV

Electromagnetic compatibility
◆ESD level 4
◆Electrical fast transient burst level 4
◆Surge(impact) level 4

外形尺寸 Outline dimensions
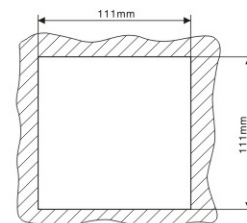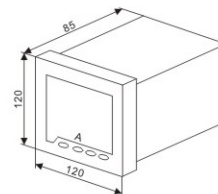
Code	Hole Size(mm)	Frame Size(mm)
1	120*120	111*111
2	96*96	92*92
3	96*48	92*45
4	80*80	76*76
5	72*72	68*68
6	48*48	45*45