



NLA—PM100D Multi-functions Power Monitoring and Control Terminal

Introduction

NLA-PM100D is a LonWorks control network and RS-485 bus based multi-functions power monitoring and control terminal. It can be used to measure 1,2 or 3 phase voltage, current, active power and reactive power, power factor, active and reactive energy, frequency, demand and etc, to control the electrical devices in the single or three phase feeder, and to monitor the state and the alarms of the electrical devices. The product has passed the approval test of the Inspection & Center for Electric Power Automation Equipment of Ministry of Electric Power in P.R.China

Features

- Measure single or three phase voltage, current, active and reactive power, power factor, active energy and reactive energy, frequency, and etc.
- Display single or three phase voltage, current, active and reactive power, power factor, active energy and reactive energy, frequency, demand and etc, the states of the digital input and output.
- Set up the operating parameters and the control outputs manually on site.
- Isolated voltage and current measurement input loops.
- 3 optical and relay double isolated digital outputs for control and pulse functions, the width of the pulse can be adjusted.

- 3 optical isolated digital inputs for state, alarm and counter functions.
- LonWorks interface(FTT-10A).
- One optical isolated RS-485 interface (switchable to RS-232 interface),ModBus-RTU protocol.
- Internal Clock, each digital output can be individually timing.
- Data retained during loss of power
- Internal AC 220V(50HZ) or 110V(60HZ) power supply.
- Over limit alarm of voltage, current, frequency, power factor and etc.

Specifications

- Measurement Accuracy: Voltage and Current 0.2 level; Active power, Reactive power, Power factor, Active energy 0.5 level.

- Scope of measurement : Phase voltage: 20 ~ 500V

Current: 0 ~ 6A

- Digital Output rating : AC 250V/5A、DC 30V/5A
- Power supply : AC220V (±20%) or AC110 (±15%)
- Environment: Operating temp.: -25°C~70°C

Humidity: 5~95% RH(noncondensing)

- Power consumption : ≤3W
- Mechanical : 96 (L) ×96 (W) ×112 (H)



Nanjing LianHong Automation Ltd.

Add:No.108 East Ganjiabian,Qixia District,Nanjing,P.R.China

ZIP: 210046

E-mail: nlawbc@163.com

Tel: 86-25-86273660

Fax: 86-25-86281825