

HMP300-2

电量综合保护模块

POWER INTEGRATED PROTECTION MODULE



简介

对发电机组的电压、电流、功率、频率进行采集并且在这些数据出现异常情况时可输出相应动作，通过 RS485 接口和主控制器进行通讯。模块为液晶显示，中文、英文两种语言可选界面操作。

特点

- 3倍过电流检测和对应报警
- 电压谐波测试功能，可以测试各相电压谐波畸变率和分相 3-31次谐波
- 电流谐波测试功能，可以测试各相电流谐波畸变率和分相 3-31次谐波
- RS485接口可以和PC软件进行通信进行数据监测和参数设置
- 液晶显示LCD为132x64
- 中/英文两种语言可选
- 高精度电流采集，采集起始电流10mA
- 35mm导轨安装方式
- 适用于三相四线、三相三线、单相二线、两相三线电源 50/60Hz系统
- 采集并显示发电三相电压、三相电流、频率、功率参数

Overview

Can collect generator set data (voltage, current, power and frequency) and output related actions for abnormal data. It can communicate with master controller via the RS485 port. It fits with LCD display, optional Chinese and English language interface. It is reliable and easy to use.

Features

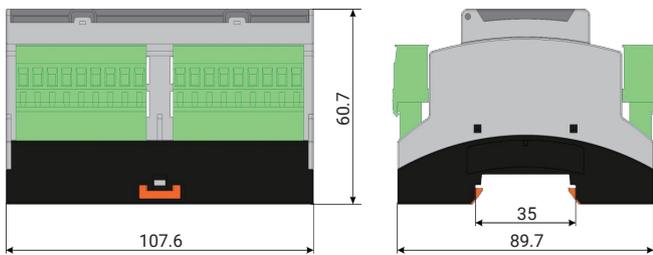
- 3 times overcurrent detection and corresponding alarm
- With voltage harmonic test function, each phase voltage harmonic distortion rate and 3-31 times harmonic can be tested
- With current harmonic test function, each phase current harmonic distortion rate and 3-31 times harmonic can be tested
- Data monitoring and parameter setting on PC software via the RS485 port
- 132x64 LCD display
- Optional Chinese/English languages
- High-accuracy current sampling which starts from 10mA
- Mounted on the 35mm DIN rail
- Suitable for 3-phase 4-wire, 3-phase 3-wire, single phase 2-wire, and 2-phase 3-wire systems with frequency 50/60Hz
- Collects and shows gen 3-phase voltage, 3-phase current, frequency and power parameters



直流供电 DC supply	DC8V-35V <3W(待机: ≤2.5W)	DC8V-35V <3W(Standby: ≤2.5W)
交流电流 AC Current	额定: 5A (1A可定制型号)	Rated: 5A (1A requires customized model)
绝缘强度 Dielectric Strength	在交流高压端子与低压端子之间施加AC2.2kV电压, 1min内漏电流不大于3mA	Apply voltage of 2.2kVAC between AC high voltage terminal and low voltage terminal, and the leakage current is not more than 3mA in one minute
交流电压 AC Voltage	相电压 范围: AC30V-AC360V(ph-N) 线电压 范围: AC30V-AC620V(ph-ph)	Phase Voltage Range: AC30V-AC360V (ph-N) Line Voltage Range: AC30V-AC620V (ph-ph)
温湿度 Temperature & Humidity	工作温度: (-25~+70)°C 工作湿度: 相对湿度: (20~93)% 贮存温度: (-30~+80)°C	Working Temperature: (-25~+70)°C Working Humidity: (20~93)%RH Storage Temperature: (-30~+80)°C
外形尺寸 Overall Dimensions	外形尺寸: 107.6 × 89.7 × 60.7mm	Overall Dimensions: 107.6 × 89.7 × 60.7mm

● 尺寸 Dimensions

单位(Unit): mm



● 端口 Ports

电源 Power	RS485	开关量输出(4) Digital Output (4)	开关量输入(2) Digital Input (2)
电压采样 Voltage Sampling		电流采样 Current Sampling	

