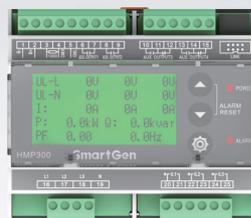


HMP300

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 CAN BUS 接口和主控制器进行通讯，采集的数据可在主控制器显示。模块为液晶显示，中文、英文两种语言可选界面操作。

特点

- 差动保护功能，差动保护有效后发出相应的报警信息
- 谐波测试功能，可以测试各相电压谐波畸变率和各相电流谐波畸变率
- 通过CAN BUS接口和主控制器进行通讯，可实现电量和发动机参数同时主控制器显示
- LINK通讯接口可以连接PC软件进行数据检测和参数显示
- 液晶显示LCD为132x64
- 中/英文两种语言可选
- 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
- 过压、欠压、过频、欠频、逆功率、过功率、过流保护
- 采集并显示发电三相电压、三相电流、频率、功率参数
- 35mm导轨安装方式

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 CANBUS port, and the collected data can be displayed on the main controller. It fits with LCD display, optional Chinese and English bilingual interface.

Features

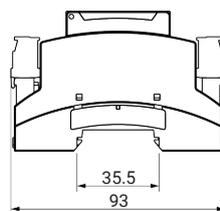
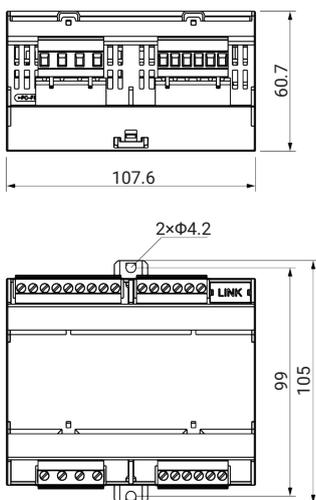
- Differential protection function, and controller will issue related alarm information after differential protection is active
- Harmonic test function, and each phase voltage/current harmonic distortion rate can be tested
- Communicate with master controller via the CANBUS port, which realizes power and engine data display on the master controller at the same time
- Equipped with LINK communication port; Through LINK interface on PC, data and parameters can be monitored and adjusted
- 132x64 LCD display
- Optional Chinese/English languages
- Suitable for 50Hz/60Hz AC system of 3P4W, 3P3W, 1P2W and 2P3W
- Protections for over/under voltage, over/under frequency, reverse power, over power and over current
- Collects and shows 3-phase voltage, 3-phase current, frequency and power parameters
- Mounted on the 35mm DIN rail



直流供电 DC supply	DC8V-35V <3W(待机: ≤2W)	DC8V-35V <3W(Standby: ≤2W)
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: (-25~+70)°C	Working Temperature: (-25~+70)°C Working Humidity: (20~93)%RH Storage Temperature: (-25~+70)°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	CAN	开关量输出 Digital Output	LINK
电压采样 Voltage Sampling		电流采样 Current Sampling	

