

Overview

纲要

SmartGen synchronization module can be used to detect frequency, voltage and phase angle accurately, and make generator's switch and bus to do synchronous closing. The impact of synchronization for genset will be reduced if the synchronization is stable.

SmartGen同步模块可以精确检测频率、电压、和相位角，控制发电机开关向有电母排同步合闸。平稳的同步有助于减轻同步时对发电机组造成的冲击。

Load share module can be used on gensets with different brands and capacities to realize effective "equipartition".

负载均分模块可以满足不同品牌，不同容量的机组实现负载有效的“均分”。

Synchronization module and load share module working together can help genset to realize manual or automatic parallel.

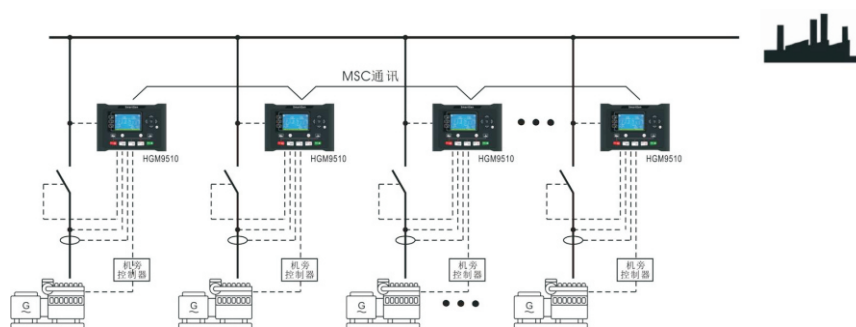
同步模块和负载均分模块配合可以完美实现手动或自动并联。

Application

应用方案

Power Management---HGM9510

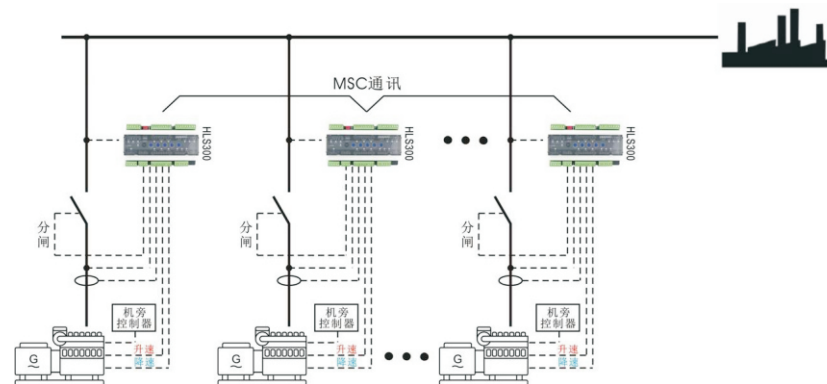
功率管理应用方案---HGM9510



Automatic synchronization and power distribution
自动同步和功率分配

Load Share---HLS300

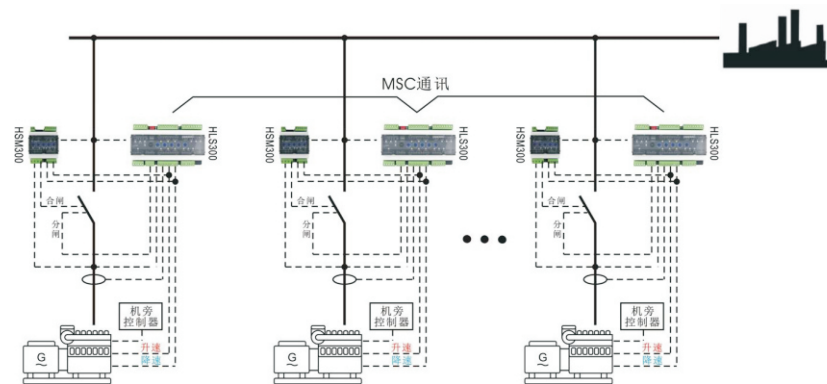
负载分配应用方案---HLS300



Complete power distribution automatically
自动完成功率分配

Power Management Application Solution ---HSM300+HLS300

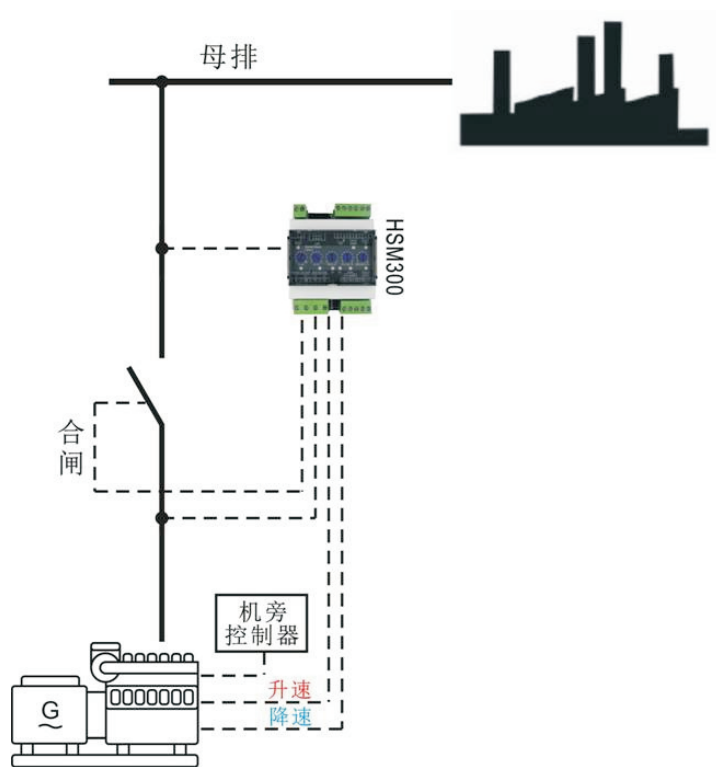
功率管理应用方案---HSM300+HLS300



Automatic synchronization and power distribution
自动同步和功率分配

Synchronous Application Solution---HSM300

同步应用方案---HSM300



Automatic synchronization after detecting voltage difference, frequency difference and phase.

通过检测压差、频差和相位，自动同步

Characteristics

产品特点

Synchronization Module---HSM300

同步模块---HSM300



Characteristics:

1. Synchronize generator to bus
2. Circuit breaker time compensation
3. Voltage control
4. LED status indicator
5. LED display status control
6. LED display synchronizing signal
7. Standard π -type 35mm guide-rail installation
8. Apply to 3-phase 4-wire, 3-phase 3-wire, 2-phase 3-wire and single phase 2-wire power supply, 50 Hz and 60Hz system

特点:

1. 同步发电机至母排
2. 断路器时间补偿
3. 电压控制
4. LED 状态指示
5. LED显示状态控制
6. LED显示同步信号
7. 采用35mm π 型导轨安装方式
8. 适合于三相四线、三相三线、二相三线、单相二线电源 50Hz、60Hz系统

Characteristics

产品特点

Share Module---HLS300

均分模块---HLS300



Characteristics:

1. Built-in power and frequency transmitter
2. Fixed power or synchronous mode
3. LED status indicator
4. LED display status control
5. Standard π -type 35mm guide-rail installation or foot installation
6. Apply to 3-phase 4-wire, 3-phase 3-wire, 2-phase 3-wire and single phase 2-wire power supply, 50 Hz and 60Hz system

特点:

1. 内置功率和频率变送器
2. 固定功率或同步模式
3. LED状态指示
4. LED显示状态控制
5. 35 mm π 型导轨或底座安装
6. 适合于三相四线、三相三线、二相三线、单相二线电源 50Hz、60Hz系统

Characteristics

产品特点

Power Management Module---HGM9510

功率管理模块---HGM9510



Characteristics:

1. Control and protection for genset and bus
2. Automatic synchronization and load power share
3. Power management mode
4. GOV and AVR automatic adjustment
5. Remote monitoring via Modbus RS485
6. PLC(programmable logic control)
7. Start/stop reserve set based on the data of automatic load detection

特点:

1. 发电机组和母排控制保护
2. 自动同步与负载功率均分
3. 可设置功率管理模式
4. GOV和AVR自动调节
5. 通过Modbus RS485实现远程监控
6. 可逻辑编程 (PLC)
7. 自动检测负载大小来开启和关闭备用机组