HAT860/HAT860S
中压双电源自动切换控制器

MEDIUM VOLTAGE ATS CONTROLLER

● 简介

根据 S1、 S2 电源状态、 切换优先级及自投自复状态自动切换开关，保证负载供电。适用一个分断位、两个分断位开关。广泛应用于电信、轨道交通、数据中心、智慧大厦等供电要求高的场合。

Overview

It can automatically control the transfer of ATS according to the status, transfer priority, and auto transfer/auto restore status of S1 and S2, which provides stable power supply for load. The controller is suitable for ATS with one breaking and two breakings. It can be widely used in telecommunication, rail transport, data centers, smart buildings and other occasions which requires high quality power supply.

● 特点

- 4.3英寸LCD液晶，多种语言可选
- 电梯控制
- 接地故障保护
- PT断线检测
- 负载逐级投切
- 冗余控制
- S1/S2独立过流警告或跳闸报警
- 就地模式，控制器只显示，不控制
- 双路RS485设计，可遥控发电机组开停机，开关合分闸
- 可扩展开关量输入输出
- 可控制两台发电机组，实现主备开机、循环开机、均衡运行时间开机
- 实时时钟、历史记录(200)、黑匣子

Features

- 4.3-inch LCD screen with multiple languages
- Elevator control function
- Earth fault protection
- PT wiring broken detection function
- Load switch stepwise transfer
- Redundancy control function
- Independent overcurrent warning or trip alarm function for S1/S2
- Local mode. In this mode, the controller only displays status and does not execute control commands
- Dual RS485 ports to control the start/stop of gensets and opening/closing of ATS remotely
- Compatible with expansion digital input/output modules
- It can control two gensets to realize operating modes of cycle run, master run, or balanced time run
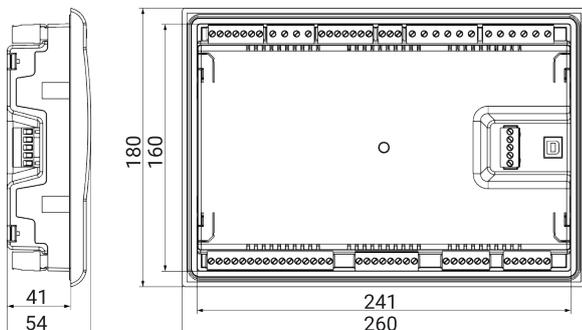- Functions of real-time clock, event log (200), and black box

电源 Power	工作电压： B+、B-端：DC12/24V/48V PA、PN端：AC(90~305)V或DC110V/DC220V 整机功耗：<6W(待机方式：≤2W)	Operating Voltage： Terminals of B+ and B-：DC12/24V/48V Terminals of PA and PN：AC(90~305)V or DC110V/DC220V Power Consumption：<6W(Standby mode：≤2W)
交流电压采样 AC Voltage Sampling	三相四线(L-L)(80~625)V 三相三线(L-L)(80~625)V 单相二线(L-N)(50~360)V 两相三线(L-L)(80~625)V	3P4W(L-L)(80~625)V 3P3W(L-L)(80~625)V 1P2W(L-N)(50~360)V 2P3W(L-L)(80~625)V
通信接口 Communication Port	RS485接口，隔离，半双工 2400/4800/9600/19200波特率可设置 Modbus-RTU通信协议，最远通信距离1000米 D型USB接口	RS485 Port: Isolated, half-duplex 2400/4800/9600/19200 baud rate can be set Modbus-RTU communication protocol, maximum communication distance 1000m Type-D USB port
结构 Structure	外形尺寸：260×180×54mm 开孔尺寸：242×161mm	Overall Dimensions：260×180×54mm Panel Cutout：242×161mm
环境 Environment	工作温度：(-25~+70)℃ 工作湿度：(20~93)%RH 贮存温度：(-30~+80)℃ 防护等级：IP65	Working Temperature：(-25~+70)℃ Working Humidity：(20~93)%RH Storage Temperature：(-30~+80)℃ IP Rating：IP65
标准和认证 Standards & Certificates	认证：CE 振动：(5~8)Hz：位移±7.5mm 　　　(8~500)Hz：加速度2g 　　　IEC 60068-2-6 碰撞：$25g_n$，16ms，半正弦 　　　IEC 60255-21-2 冲击：$50g_n$，11ms，半正弦 　　　IEC 60068-2-27	CE Certification Vibration: (5~8)Hz: amplitude=±7.5mm 　　　　(8~500)Hz：a=2g 　　　　(IEC 60068-2-6) Bump: $25g_n$, 16ms, half-sine 　　　(IEC 60255-21-2) Shock: $50g_n$, 11ms, half-sine 　　　(IEC 60068-2-27)

● 尺寸 Dimensions　　　　单位(Unit)：mm

41
54
180
160
241
260

● 端口 Ports

S1电压采样 S1 Voltage Sampling	S2电压采样 S2 Voltage Sampling	供电输入 Power Supply Input	可编程输出口(13) Aux. Output (13)	电流采样(2) Current Sampling (2)
				RS485(2)
				USB
直流工作电源 DC Power			可编程输入口(12) Aux. Input (12)	

CE