

HAT600R系列 双电源智能切换控制器

DUAL POWER ATS CONTROLLER



简介

从电源异常到合闸输出时间不超过 50ms，配合 PC 两段式 ATS 开关可实现小于 100ms 快速切换。HAT600R 系列具有同相位切换，HAT600RS 具有并联切换，不间断供电。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。

特点

- LCD液晶显示，多种语言可选
- 适用于PC级二段式、PC级三段式、CB级和CC级开关
- 自投自复、自投不自复
- 负载电压监测
- 电池电压检测
- 电梯控制
- S1/S2独立过流警告或跳闸报警
(仅HAT600RI/HAT600RBI/HAT600RS)
- 可监测各相电压(电流)谐波畸变率和3-21次谐波分量
- 实时时钟、历史记录(200)、黑匣子
- USB, ETHERNET, RS485多种通信接口
- 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

Overview

It can achieve the transfer within 50ms (from the power outage to the closed output). With PC-class ATS of two positions, it can realize quick transfer within 100ms. HAT600R controller can realize in-phase transfer function, and HAT600RS controller can realize parallel transfer and uninterrupted power supply. The series controller can be widely used in telecommunication, rail transport, data centers, smart buildings and other occasions which requires high quality power supply.

Features

- LCD screen with multiple language interfaces
- Compatible with PC-class ATS of two or three positions, CB-class and CC-class ATS
- Auto transfer/auto restore, and auto transfer/non-auto restore can be set
- Load voltage monitoring function
- Battery voltage detection function
- Elevator control function
- Independent overcurrent warning or trip alarm function for S1/S2 (HAT600RI/HAT600RBI/HAT600RS only)
- It can monitor harmonic distortion rate and 3-21 times harmonic component of voltage/current for all phases
- Functions of real-time clock, event log (200), and black box
- Multiple communication ports, including USB, ETHERNET, and RS485
- It can control two gensets to realize operating modes of cycle run, master run, or balanced time run



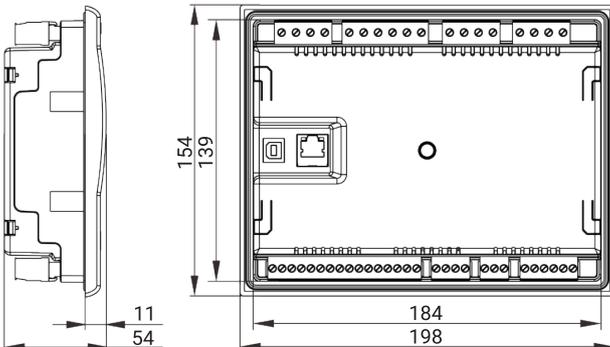
● 技术参数 Technical Parameters

<p>电源 Power</p>	<p>工作电压: DC(8~35)V AC(90~305)V (A1N1/A2N2供电) (HAT600RB/HAT600RBI/HAT600RS)</p> <p>整机功耗: <4W(待机方式: <2W)</p>	<p>Operating Voltage: DC(8~35)V AC(90~305)V (A1N1/A2N2 supply) (HAT600RB/HAT600RBI/HAT600RS)</p> <p>Power Consumption: <4W (Standby mode: <2W)</p>															
<p>通信接口 Communication Port</p>	<p>RS485接口: 隔离, 半双工, 2400/4800/9600/19200bps可设, Modbus-RTU通信协议, 最远通信距离1000米</p> <p>ETHERNET接口: 自适应10/100Mbps, Modbus TCP/IP通信协议</p>	<p>RS485 Port: Isolated, half-duplex, 2400/4800/9600/19200bps baud rate can be set, Modbus-RTU communication protocol, maximum communication distance 1000m</p> <p>ETHERNET Port: Self-adaptable 10/100Mbps, Modbus UDP/IP communication protocol</p>															
<p>交流电压采样 AC Voltage Sampling</p>	<table border="1"> <tr> <td>交流系统 AC System</td> <td>HAT600R/HAT600RI</td> <td>HAT600RB/HAT600RBI/HAT600RS</td> </tr> <tr> <td>三相四线(L-L) 3P4W</td> <td>(80~625)V</td> <td>(80~528)V</td> </tr> <tr> <td>三相三线(L-L) 3P3W</td> <td>(80~625)V</td> <td>不支持 Not Supported</td> </tr> <tr> <td>单相二线(L-N) 1P2W</td> <td>(50~360)V</td> <td>(50~305)V</td> </tr> <tr> <td>两相三线(A-B) 2P3W</td> <td>(80~625)V</td> <td>(80~528)V</td> </tr> </table>	交流系统 AC System	HAT600R/HAT600RI	HAT600RB/HAT600RBI/HAT600RS	三相四线(L-L) 3P4W	(80~625)V	(80~528)V	三相三线(L-L) 3P3W	(80~625)V	不支持 Not Supported	单相二线(L-N) 1P2W	(50~360)V	(50~305)V	两相三线(A-B) 2P3W	(80~625)V	(80~528)V	
交流系统 AC System	HAT600R/HAT600RI	HAT600RB/HAT600RBI/HAT600RS															
三相四线(L-L) 3P4W	(80~625)V	(80~528)V															
三相三线(L-L) 3P3W	(80~625)V	不支持 Not Supported															
单相二线(L-N) 1P2W	(50~360)V	(50~305)V															
两相三线(A-B) 2P3W	(80~625)V	(80~528)V															
<p>环境 Environment</p>	<p>工作温度: (-25~+70)°C 工作湿度: (20~93)% RH 贮存温度: (-30~+80)°C 防护等级: IP65</p>	<p>Working Temperature: (-25~+70)°C Working Humidity: (20~93)% RH Storage Temperature: (-30~+80)°C IP Rating: IP65</p>															
<p>结构 Structure</p>	<p>外形尺寸: 198 × 154 × 54mm 开孔尺寸: 186 × 141mm</p>	<p>Overall Dimensions: 198 × 154 × 54mm Panel Cutout: 186 × 141mm</p>															

● 尺寸 Dimensions

单位(Unit): mm

● 端口 Ports



S1 合闸输出 S1 Close Output	S2 合闸输出 S2 Close Output	可编程输出口(6) Aux. Output (6)	S1 电压采样 S1 Voltage Sampling	S2 电压采样 S2 Voltage Sampling		
<p>ETHERNET (仅HAT600RBI/HAT600RS) (HAT600RB/HAT600RS only)</p> <p>USB</p>						
直流工作电源 DC Power	S1 合闸输入 S1 Close Input	S2 合闸输入 S2 Close Input	可编程输入口(4) Aux. Input (4)	RS485	负载电压输入 Load Voltage Input	电流采样(仅HAT600RI/ HAT600RBI/HAT600RS) Current Sampling (HAT600RI/HAT600RBI/ HAT600RS only)