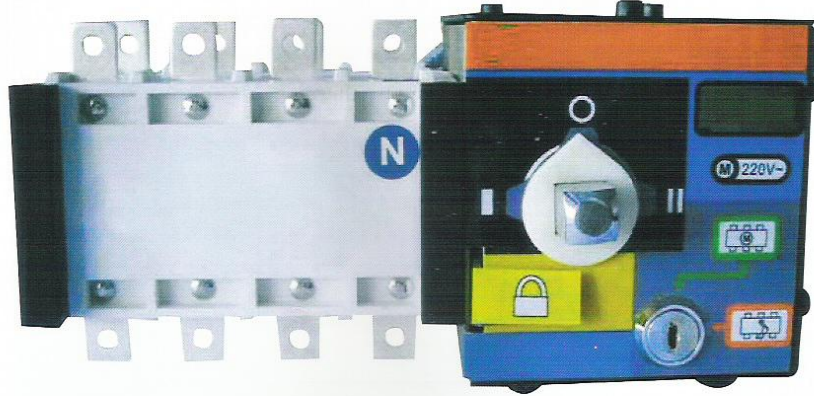


**HATS9系列** 双电源自动转换开关 DUAL POWER AUTO TRANSFER SWITCH



■ 产品主要特点 Main features

- ◎ 机电一体化设计、真正意义上的 ATS 元件，采用 DMC（增强玻璃纤维）外壳，高强度，高阻燃，耐冲击。
- ◎ 双列直插式双断电，大开距，有可靠的隔离功能；主触头、辅触头一体设计，基本零飞弧。
- ◎ 采用电机储能加速，同轴异角拉杆机构，有可靠的机械 0 位（I、II 路同时断开），工作模式为 I-0-II、I-0-II。
- ◎ 高速切换，无须任何外接线路即可实现开关的全自动、远控、手动功能；可配 PC 通信接口。
- ◎ 广泛应用与电源系统（两路以上供电或发电机切换）、消防系统（两路以上负载（泵））切换
- ◎ 符合标准：IEC60947-6-1、GB14048.11-2002
- ◎ 本系列产品电气级别为 CB 级
- ◎ Electromechanical integration design, genuine ATSelements, DMC enclosure (reinforced glass fiber with high strength, high flame resistance and impact resistance).
- ◎ Dual-line appearance, insertion type, double-breaking way, large gap, reliable isolation function; integrated design of main contact and auxiliary design, no flashover.
- ◎ Speed up with energy storage of motor, coaxial hetero-angle drag-link mechanism, with reliable "0" mechanical position (circuit I and II can break at the same time), the working mode is I-0-II and I-0-II.
- ◎ Transfer a high speed, not need any external circuit, it can realize the full automatic control, remote control and manual control, PC communication interface is available.
- ◎ Widely applied to transferring the power system (more than two circuits of power supply or generator) and fire system (more than two circuits of load like pump).
- ◎ Conforming to the standards of IEC 60947-6-1 and GB 14048.11-2002
- ◎ The electric class of this product is CB.

■ 开关结构说明 Structure

- ◎ 电气钥匙锁：控制开关内部控制线路电源，电气锁开启时，开关实现自动、远控操作，电气锁关闭时，开关只可手动操作；
- ◎ 操作手柄：使用操作手柄操作开关时，必须关闭电气锁；
- ◎ 机械挂锁：检修时，先用操作手柄使开关处于 0 档位置，挂起挂锁机构并上挂锁，方可进行检修；（拉起机械挂锁则切断开关内部控制电源，开关无法电动，并且无法实现手动）
- ◎ 位置指示：表明开关工作状态位置（I, 0, II）
- ◎ 控制电压：开关控制电压等级 AC220V；
- ◎ 开关主体：前部分为 I 路，按“常用电源”；后面部分为 II 路，按“备用电源”
- ◎ Electric key lock: Control the power of switch inner control circuit, when the electric lock is opened, the switch realizes the automatic control and remote control, when the electric lock is closed, the manual operation is available.

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- ◎ Operation handle: When operating this switch with the handle, the electric lock must be closed;
- ◎ Mechanical padlock: When maintaining, make the switch in the "0" position with the operating handle first, then hang the padlocking mechanism and padlock, only this, the maintenance can be conducted; (if pulling up the mechanical padlock, the inner control power of switch is cut off, and the switch can't perform electric operation or manual operation).
- ◎ Position indication: Indicate the switch working state position (I, 0, II);
- ◎ Control voltage: Switch control voltage class AC220V.
- ◎ Switch body: The fore part is of I circuit, connected with normal power, the rear part is of II circuit, connect with reserve power.

■ 主要技术参数 Main technical parameters

约定发热电流 I <sub>th</sub> Conventional heating current		20A	40A	63A	80A	100A	125A	160A	250A	400A	630A	800A	1000A	1250A	1600A
额定绝缘电压 U <sub>i</sub> Rated insulation voltage		750V								1000V					
额定冲击耐受电压 U <sub>imp</sub> Rated impulse withstand voltage		8KV								12KV					
额定工作电压 U <sub>e</sub> Rated working voltage		AC440V													
额定工作电流 I <sub>e</sub> Rated working current	AC-31A	20	40	63	80	100	125	160	250	400	630	800	1000	1250	1600
	AC-35A	20	40	63	80	100	125	160	250	400	630	800	1000	1250	1600
	AC-33A	20	40	63	80	100	125	160	250	400	630	800	800	1000	
额定接通能力 Rated making capacity		10I <sub>e</sub>													
额定分断能力 Rated breaking capacity		8I <sub>e</sub>													
额定限制短路电流 Rated limited short-circuit current		100KA								70KA		100KA		120KA	
额定短时耐受电流 I <sub>S</sub> IS Rated short-time withstand current		7KA						9KA		13KA		26KA		50KA	
转换时间 I-II 或 II-I Transfer time I-II or II-I		0.45S								0.6S		1.2S			
控制电源电压 Control supply voltage		DC24V, 48V, 110V, AC220V													
电机能耗 Motor energy consumption															
额定控制电压 Rated control voltage	启动 Start	300W						325W		355W		400W		440W	
	正常 Normal	55W						62W		74W		90W		98W	
重量(kg)4极 Weight (kg)4-pole		7.0	7.2	7.2	7.2	7.5	7.5	8.8	9.0	16.5	17	32	36	40	43

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