43 Automatic Transfer Switch (ATS) / High-Speed ATS

POWER SYSTEM PROTECTION EQUIPMENT



This microcomputer fast switching device, also known as High-Speed ATS and Automatic Transfer Switch, is newly developed on our latest embedded hardware and software platform, serving as a multifunctional ATS product tailored for metallurgy, petrochemical and other industrial scenarios. ANSI :43/43T/43B Communication Mode Optional: RS-485, CAN bus, Ethernet, IEC 60870-5-103 (IEC-103), IEC 61850

KEY FEATURES

- Multiple startup modes: manual, protection-initiated, undervoltage, false tripping, no-current and reverse power startup
- Parallel, series and simultaneous switching modes available
- Supports fast switching, synchronous capture switching, residual voltage switching and long-delay switching
- Complete switching interlock protection

LIST OF SETTING PARAMETERS FOR AUTOMATIC TRANSFER SWITCHES

No.	Parameter Name	Range	Factory Default
1	Control Mode	Local / Remote	Local
2	Fault Switching Mode	Series / Simultaneous	Series
3	Manual Switching Mode	Parallel / Series	Series
4	K1→K2 Switch Initiation	Enable / Disable	Enable
5	K2→K1 Switch Initiation	Enable / Disable	Enable
6	K1→K0 Switch Initiation	Enable / Disable	Enable
7	K2→K0 Switch Initiation	Enable / Disable	Enable
8	K0→K1 Switch Initiation	Enable / Disable	Enable
9	K0→K2 Switch Initiation	Enable / Disable	Enable
10	Fast Switch Initiation	Enable / Disable	Enable
11	Synchronous Capture Switch Initiation	Enable / Disable	Enable
12	Residual Voltage Switch Initiation	Enable / Disable	Enable
13	Long-delay Switch Closing	Enable / Disable	Enable
14	Manual Initiation	Enable / Disable	Enable
15	Protection Initiation	Enable / Disable	Enable
16	False **Tripping** Initiation	Enable / Disable	Enable
17	Undervoltage Initiation	Enable / Disable	Enable
18	No-current Initiation	Enable / Disable	Enable
19	Reverse Power Initiation	Enable / Disable	Enable
20	Frequency-Voltage Initiation	Enable / Disable	Enable
21	Decoupling Protection Initiation	Enable / Disable	Enable
22	Undervoltage Incoming Line Detection	Enable / Disable	Enable
23	Directional Overcurrent Interlock	Enable / Disable	Enable
24	Output Interlock	Enable / Disable	Enable
25	PT Broken Wire Detection	Enable / Disable	Enable
26	**Line** Auto-recovery Function	Operation Mode Recovery / Switch Function Recovery / Disable	Disable

ORDERING INFORMATION

MOQ	LEAD TIME	TRADE TERMS	PAYMENT	WARRANTY
1 unit	7-15 working days	EXW / FOB / CIF / DDU	T/T, L/C, WU, PayPal	12 months