

Competitive Comparison

Zenith ZTE Series Low-Voltage Automatic and Manual Transfer Switches

Category	Feature	ABB	ASCO Power	Russelectric	Cutler-Hammer	Thompson Technologies
		ZTE Series	7000 Series	RMTx with 2000 Plus Control	AT/CT/BI/BC w/ATC600	TS 880 Series
Standards	UL 1008	●	●			
	IEC 60947-6-1 Category 33A	●	●	●	●	●
	3 cycle/unconditional short circuit rating (@480 VAC)	◐	◐	●	◐	
	Conditional short circuit rating - MCCB (@480 VAC)	◐	◐		◐	
Local Interface & Control	Source availability LED	●	●	◐	●	◐
	Source status (Open/Close) LED	●	●	●	●	●
	Local test	●	●	◐	●	●
	Timer bypass	●	●	●	◐	●
Remote Interface & Control	Timer and setpoint adjustments	●	◐	◐	◐	◐
	Genset exerciser	●	◐	◐	◐	◐
	Load disconnect/connect signals	●	◐	◐	◐	◐
Sensing, Time Delays, Adjustments	Transfer inhibits via remote signal	●	◐	◐		◐
	Control system upgradeability (I/O, communications, etc.)	●	◐	◐	◐	◐
	Control feature changes, additions	●	◐	◐	◐	◐
Event Recording, Troubleshooting, Serviceability	Source voltage sensing (S1, S2)	●	◐	◐	◐	◐
	Ability upload/store/re-download settings	●	◐	◐	◐	
	Event log - # events, resolution	●	◐	◐		
	Event log - diagnostic messages & alarms	●				
Ease of Use	UPS power supply backup input to ATS controller	●				
	Front panel display	●	◐		◐	
	Ease of menu navigation	●	◐	◐		
	Ease of accessibility - user controls	●	◐	◐		
Connectivity, Facility Integration	Ease of accessibility - status information	●	◐	◐		
	Serial communications	●	◐	◐	◐	◐
	Ethernet communications	●	◐	◐		
	Redundant network simultaneous communications	●				
	Digital alarms	●	◐			
	Analog alarms - power monitoring	●	◐			
	Analog alarms - power system harmonics	●	◐			
Power Quality Metering, Power System Diagnostics	Load shed capability - built into ATS	●	◐		◐	◐
	Customized control logic	●				
	Basic power metering (kW, kVAR, pF, kVA, Current)	●	◐	◐	◐	◐
	PQ metering (I&V Imbalance, THD% each source, V&I Harmonic Distortion %)	●			◐	
	Generator system performance monitoring	●				
	Field upgradeability of metering	●	◐	◐	◐	◐
Data logger	●			◐		
Waveform capture for high-speed power system diagnostics	●			◐		

This information is based on data publicly available at the time of printing (June 2008). ABB and competitor product offerings may change at any time. These ratings are subjective opinions of ABB product and marketing managers.

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