

Competitive Comparison

ZTE Series Low-Voltage Automatic and Manual Transfer Switches

Category	Feature	GE Zenith Controls	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	●	●	●	◐	●
	Timer and setpoint adjustments	●	◐	◐	◐	◐
Remote Interface & Control	Genset exerciser	●	◐	◐	◐	◐
	Load disconnect/connect signals	●	◐	◐	◐	◐
	Transfer inhibits via remote signal	●	◐	◐	○	◐
Sensing, Time Delays, Adjustments	Control system upgradeability (I/O, communications, etc.)	●	◐	◐	◐	◐
	Control feature changes, additions	●	◐	◐	◐	◐
	Source voltage sensing (S1, S2)	●	◐	◐	◐	◐
Event Recording, Troubleshooting, Serviceability	Ability upload/store/re-download settings	●	◐	◐	◐	◐
	Event log - # events, resolution	●	◐	◐	○	○
	Event log - diagnostic messages & alarms	●	○	○	○	○
	UPS power supply backup input to ATS controller	●	○	○	○	○
Ease of Use	Front panel display	●	◐	○	◐	○
	Ease of menu navigation	●	◐	◐	○	○
	Ease of accessibility - user controls	●	◐	◐	○	○
	Ease of accessibility - status information	●	◐	◐	○	○
Connectivity, Facility Integration	Serial communications	●	◐	◐	◐	◐
	Ethernet communications	●	◐	◐	○	○
	Redundant network simultaneous communications	●	○	○	○	○
	Digital alarms	●	◐	○	○	○
	Analog alarms - power monitoring	●	◐	○	○	○
	Analog alarms - power system harmonics	●	◐	○	○	○
	Load shed capability - built into ATS	●	◐	○	◐	◐
Customized control logic	●	○	○	○	○	
Power Quality Metering, Power System Diagnostics	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). GE and competitor product offerings may change at any time. These ratings are subjective opinions of GE product and marketing managers.

