

AUTOMATIC TRANSFER SWITCHES

ATS PRODUCT LINE

Power Switching Technology

Circuit Breaker
Power Contactor

Amperage Range

100A to 400A
600A to 800A
800A to 1200A
1200 to 2000A
2000A to 4000A

Voltage Range

208 / 240V
380V
480V
600V
Multivoltage Capability¹

Poles

2 Pole
3 Pole
4 Pole

Withstand Current Rating Tested

50 mSEC (3 Cycle), Any Breaker
Series Rated, Specific Breaker

Safety Standard Certifications

UL 1008
CSA C22.2 No. 178
IEC 60947-6-1 Compliant

Warranty

2 Year
5 Year

ATS Configuration

Standard
Service Entrance
Bypass / Isolation
Service Entrance and Bypass Isolation

ATS Operation

Open Transition
Closed Transition - Momentary²
Closed Transition - Soft Load³

FEATURE COMPARISONS:

TS 880 TS 870 TS 840 TS 970 TS 930 TS 910 TS 920

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Controller Features

TSC 7320 Controller
DSE™/ComAP™ Controller
TSC 9 Controller
Programmable Output Contact Qty

Test Selection

Auto / Test
4 Position Key Operated Test Switch Auto/Engine
Start / Test / Off
Load Test / No Load Test
Manual Initiated Exercise Clock
Calendar Based Exercise Clock

Voltage and Frequency Sensing

Utility Under Voltage
Utility Over Voltage
Utility Over / Under Frequency
Utility Phase Balance / Phase Loss
Generator Under Voltage
Generator Over Voltage
Unbalanced Load Protection
Generator Under Frequency
Generator Over Frequency

Timers

Engine Start
Engine Warmup
Neutral Delay
Engine Cooldown
Utility Return Timer
In-Phase Detector

Remote Communication

Modbus™ RTU Communications
Modbus™ TCP Communications

Digital Display

Utility Voltage and Frequency
Generator Voltage and Frequency
Timer Countdown and Settings

Adjustments/Programming

Voltage and Frequency Settings / Jumper Selections
Digital Display

Enclosures

Open Style
NEMA® 1
NEMA® 3R Single Door
NEMA® 3R Double Door
NEMA® 4/3R Stainless Steel

Data Logs

Mains voltages/frequency/current*
Gen voltages/frequency/current*
DC input voltage

Event Logs

Mains fail/return
Engine started/stopped
Alarms/status messages

TS 880 TS 870 TS 840 TS 970 TS 930 TS 910 TS 920

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Optional

¹ Standard on all 3P with Solid Neutral and 4P ATS

² Available only from 400A to 4000A ATS

³ Available only for 800A to 4000A ATS

⁴ Optional standby UL1008 rated

⁵ Default setup 480V. Field configurable to 208/240V

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* Requires Additional Hardware

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