



Automatic Transfer Switches

ATS PRODUCT LINE

Amperage Range

Power Switching Technology

NE	FEATURE	COMPAF	RISONS:						
hnology	TS 880	TS 870	TS 840	TS 970	TS 930	TS 910	TS 920		
Circuit Breaker	•	•	•						
Power Contactor				•	٥	٥	٥		
100A to 400A		•	•	•	•	٥	•		
600A to 800A		0	٥	•	٥				
800A to 1200A		0		0	٥				
1600A 2000A to 4000A	•				0				
2000A 18 4000A	•				•				
208 / 240V		•	•	5	•	•	•		
2007240V 380V	0			• • • • • • • • • • • • • • • • • • •	•	•	•		
480V		0		••••••••••••••••••••••••••••••••••••••	•				
600V	•	0							
oltage Capability		٥		٥					
2 Pole		٥	•			•			
3 Pole	•	٥	0	0	0	•	•		
4 Pole	Ο	٥		•	•				
ting Tested									
cle), Any Breaker	٠	٢	٥	•					
Specific Breaker				•	٥	٥	•		
fications									
UL 1008		٢	0	•		• ⁴	0		
A C22.2 No. 178	•	0	0	•		0	0		
7-6-1 Compliant					•				
2 Year		•	•	•	•	•	•		
5 Year	0	0	0	0	0	Ŏ	ŏ		
Standard	•	•	•	•	•	•	0		
Service Entrance	0	Õ	0	Ŏ		0	0		
ypass / Isolation	0	0							
Bypass Isolation	0	0							
Open Transition									
on - Momentary ²	0	٥	•	•	0	٢	٢		
ition - Soft Load ²	0				0				
Dual Source	0	0		0					
C 900 Controller	•	٢		•					
nAP™ Controller					•				
TSC 9 Controller			0			0	0		
itput Contact Qty	8	8	2	8	8				

100A to 400 600A to 800 800A to 1200 1600 2000A to 4000 Voltage Range 208 / 240 380 480 600 Multivoltage Capabilit Poles 2 Po 3 Po 4 Po Withstand Current Rating Tested 50 mSEC (3 Cycle), Any Break Series Rated, Specific Break Safety Standard Certifications

UL 100 CSA C22.2 No. 17 IEC 60947-6-1 Complian

Warranty	
	2 Yea 5 Yea

ATS Configuration
Standard
Service Entrance
Bypass / Isolation
Service Entrance and Bypass Isolation

ATS Operation

Open Transitio **Closed Transition - Momentar** Closed Transition - Soft Load Dual Source

Controller Features

TSC 900 Controll DSE[™]/ComAP[™] Controlle TSC 9 Controlle Programmable Output Contact Qty



Auto / Test 4 Position Selection-Auto / Off / Full 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 Generator Phase Balance Generator Under Frequency Generator Over Frequency

Timers	

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

Data Logs

Total number of transfers Total number of transfers due to source failure Number of hours controller is energized Number of hours load is on utility Number of hours load is on generator

Remote Communication

Thomson THS Series Communications Modbus™ RTU Communications Auto call out on alarm / outage Modbus™ TCP Communications

Digital Display

Wireless Remote Messaging Utility Voltage and Frequency Generator Voltage and Frequency Timer Countdown and Settings

Adjustments/Programming

Voltage and Frequency Settings / Jumper Selections Onboard Keypad and Digital Display

Enclosures

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

Optional

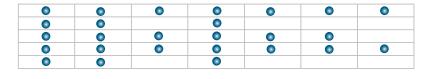
- ¹ Standard on all 3P with Solid Neutral and 4P ATS
- ² Available only from 800A to 4000A with insulated case switch type ATS
- ³ Data available with external lap top, PC temporarily connected

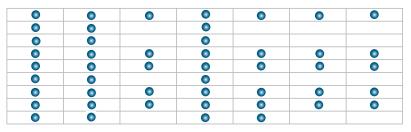


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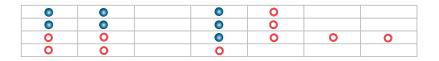
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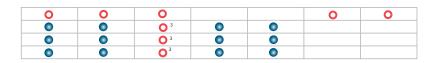




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0	0			0		

⁴ Optional standby UL1008 rated

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

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NOTE: Specifications subject to change without notice.

