



BASIC MODEL TS 88xA	SERVICE ENTRANCE ATS			
	MAX. VOLTAGE	RATED CURRENT (A)	WITHSTAND CURRENT RATING AVAILABLE AMPS (RMS)	
TS 88xA-800	600	800	100,000	100,000 85,000
TS 88xA-1200	600	1200	100,000	100,000 85,000
TS 88xA-1600	600	1600	100,000	100,000 85,000
TS 88xA-2000	600	2000	100,000	100,000 85,000

		CONNECTION DATA	
800A ATS	UTILITY (SRC1)	3C, 2/0-600MCM Cu/Al PER PHASE & NEUTRAL	
	GENERATOR (SRC2)	3C, 2/0-600MCM Cu/Al PER PHASE & NEUTRAL	
	LOAD	3C, 2/0-600MCM Cu/Al PER PHASE & NEUTRAL	
1200A ATS	UTILITY (SRC1)	4C, 2/0-600MCM Cu/Al PER PHASE & NEUTRAL	
	GENERATOR (SRC2)	4C, 2/0-600MCM Cu/Al PER PHASE & NEUTRAL	
	LOAD	4C, 2/0-600MCM Cu/Al PER PHASE & NEUTRAL	
1600A ATS	UTILITY (SRC1)	5C, 2/0-600MCM Cu/Al PER PHASE & NEUTRAL	
	GENERATOR (SRC2)	5C, 2/0-600MCM Cu/Al PER PHASE & NEUTRAL	
	LOAD	5C, 2/0-600MCM Cu/Al PER PHASE & NEUTRAL	
2000A ATS	UTILITY (SRC1)	6C, 2/0-600MCM Cu/Al PER PHASE & NEUTRAL	
	GENERATOR (SRC2)	6C, 2/0-600MCM Cu/Al PER PHASE & NEUTRAL	
	LOAD	6C, 2/0-600MCM Cu/Al PER PHASE & NEUTRAL	

- GENERAL NOTES**
- SWITCHBOARD SUPPLIED IN ONE PIECE
 - FRONT AND REAR ACCESS REQUIRED
 - EXTERIOR PAINT ASA #61 GREY
 - MAIN BUS 100% RATED, BRACED AT 100KA
 - ALL BUS WILL BE TIN-PLATED COPPER
 - UTILITY SWITCHING DEVICE (USD) IS SQUARE D, NW, 3P, ELECTRICALLY OPERATED, FIXED TYPE
 - GENERATOR SWITCHING DEVICE (GSD) IS SQUARE D, NW, 3P, ELECTRICALLY OPERATED, FIXED TYPE
 - AUTO TRANSFER SWITCH WIRING SHALL BE #18-14 TEW
 - NAME PLATES TO BE BLACK WITH WHITE LETTERS
 - REFER PROJECT SPECIFIC OPTIONS LIST FOR SELECTED ENCLOSURE TYPE

2" x 6" (TYPICAL)

AUTOMATIC TRANSFER SWITCH

QTY = 1
1" x 3" (TYPICAL)

UTILITY SWITCHING DEVICE USD

QTY = 1

GENERATOR SWITCHING DEVICE GSD

QTY = 1

SERVICE DISCONNECT INSTRUCTIONS

NP2

TO DISCONNECT UTILITY AND GENERATOR SUPPLIES:

- MOVE SERVICE DISCONNECT SWITCH TO THE "TRANSFER TO NEUTRAL" POSITION. WAIT 2 SECONDS TO ALLOW ATS TO MOVE TO THE NEUTRAL POSITION.
- MOVE SERVICE DISCONNECT SWITCH TO THE "DISCONNECTED" POSITION.
- LOCK OFF SERVICE DISCONNECT SWITCH WITH SUITABLE PADLOCK.
- VERIFY LOAD IS DISCONNECTED VIA ILLUMINATED SERVICE DISCONNECT LIGHT. IF LIGHT IS NOT ILLUMINATED REFER TO INSTRUCTION MANUAL.
- LOCK ENCLOSURE DOOR CLOSED AND REMOVE KEY.

TO RE-ENERGIZE TRANSFER SWITCH

- REMOVE APPLICABLE PADLOCKS AND MOVE SERVICE DISCONNECT SWITCH BACK TO THE ENERGIZED POSITION.
- REPLACE ENCLOSURE DOOR KEY IF FUTURE ACCESS REQUIRED.

013495

2.5" x 5" (TYPICAL)

WARNING

⚠ DANGER PELIGRO

Arc Flash and Shock Hazard
Will cause severe injury or death. More than one live circuit - see diagram. Disconnect all sources of supply before servicing. This equipment must be installed and serviced only by qualified electrical personnel utilizing safe work practices and appropriate Personal Protective Equipment (PPE). Failure to comply may result in injury or death! Refer to NFPA 70E for minimum PPE requirements.

Risque d'Arc Électrique et d'Électrocution
Peut causer des blessures graves ou la mort. Plus d'un circuit sous tension - voir schéma. Couper toutes les sources d'alimentation avant de faire l'entretien et les réparations. Ce matériel doit être installé et entretenu uniquement par un électricien qualifié. Ce dernier doit connaître les pratiques de travail sécuritaires et porter l'équipement de protection individuelle approprié. Le non respect peut entraîner des blessures ou la mort! Reportez-vous à NFPA 70E pour le manuel des exigences minimales PPE.

Riesgo de Arco y Choque Eléctrico
Se causarán lesiones graves o muerte. Más de un circuito energizado - ver diagrama. Desconectar todas las fuentes de suministro antes de hacer mantenimiento. Este equipo solo se debe instalar y mantener por personal calificado, usando medidas de seguridad y equipo de protección personal adecuados. No seguir estas recomendaciones puede causar lesiones o muerte! Consulte la NFPA 70E para los requisitos mínimos del equipo de protección personal (PPE).

QTY = 1

0.75" x 2" (TYPICAL)

SERVICE DISCONNECTED SDL

QTY = 1

SERVICE DISCONNECT ENERGIZED TRANSFER NEUTRAL DISCONNECTED 43SD

QTY = 1

FOR REVIEW ONLY

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CUSTOMER THOMSON POWER SYSTEMS	
CUSTOMER ORDER No. C-XXXXXX	WORK ORDER No. W-XXXXXX
DRAWN BY AP	AUTH BY OG
DATE 16-01-26	REV 0
DRAWING/FILE No. ICS880M200	SHEET 10A

APPROVED FOR CONSTRUCTION

MASTER COPY REFERENCE COPY OF _____

MULTIPLE UNIT WORK ORDER

RELEASED FOR INFORMATION

AUTH. BY: _____ DATE: _____

CROSS REFERENCE LEGEND	
SOC-C-1	GRID COORDINATE
SHEET No.	DRAWING No.
REFERENCE DRAWINGS	No.
REVISIONS	BY/AUTH DATE



AUTOMATIC TRANSFER SWITCH
MODEL TS 880
PHYSICAL LAYOUT & INSTALLATION DETAILS
800-2000A, 3P, NEMA 1/2/12, FIXED MOUNT, SE