



SERVICE ENTRANCE ATS - USD					
CLOSING AND INTERRUPTING RATING					
AVAILABLE AMPS (RMS)					
CLOSING & INTERRUPTING RATINGS SHOWN ARE ONLY FOR ATS UTILITY AND/OR GENERATOR POWER SWITCHING DEVICE(S) THAT ARE FACTORY SUPPLIED WITH INTEGRAL OVERCURRENT PROTECTION. PLEASE REFER TO PRODUCT INSTRUCTION MANUAL FOR FURTHER INFORMATION ON UPSTREAM PROTECTION REQUIREMENT.					
BASIC MODEL TS87xA	MAX. VOLTAGE	RATED CURRENT (A)	NO UPSTREAM OVERCURRENT PROTECTION REQUIRED		
			Ø240V	Ø480V	Ø600V
TS 87xA-800	600	800	65,000	50,000	25,000

STANDARD ATS - GSD					
CLOSING AND WITHSTAND RATING					
AVAILABLE AMPS (RMS)					
CLOSING & WITHSTAND RATINGS SHOWN ARE ONLY FOR ATS UTILITY AND/OR GENERATOR POWER SWITCHING DEVICE(S) THAT ARE NOT FACTORY SUPPLIED WITH INTEGRAL OVERCURRENT PROTECTION. PLEASE REFER TO PRODUCT INSTRUCTION MANUAL FOR FURTHER INFORMATION ON UPSTREAM PROTECTION REQUIREMENT.					
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CONNECTION DATA		
UTILITY (SRC1)	1-3C, 2/0-500MCM Cu/Al	PER PHASE
GENERATOR (SRC2)	1-3C, 2/0-500MCM Cu/Al	PER PHASE
LOAD	1-3C, 2/0-500MCM Cu/Al	PER PHASE
NEUTRAL	1-3C, 2/0-500MCM Cu/Al	PER SOURCE
GROUND	9C, #14-2/0	Cu/Al

- GENERAL NOTES**
- POWER SWITCHING DEVICES ARE MECHANICALLY INTERLOCKED SO THAT ONLY ONE DEVICE IS CLOSED AT A TIME
 - ENCLOSURE FINISH : ASA #61 GREY
 - REFER PROJECT SPECIFIC OPTIONS LIST FOR SELECTED ENCLOSURE TYPE

2.5" x 5"

⚠ 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 Electrique et d'Electrocution
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 la 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 adecuado. No seguir estas recomendaciones puede causar lesiones o muerte. Consultar la NFPA 70E para los requisitos mínimos del equipo de protección personal (PPE).

QTY = 1

FOIL LABEL
BLACK LETTERS ON SILVER BACKGROUND

WARNING

TO ENSURE SAFETY OF PERSONNEL DOOR MUST BE LOCKED CLOSED WHEN USING THE "SERVICE DISCONNECT" SWITCH TO ISOLATE LOAD CIRCUITS. FASTEN DOOR SECURELY WITH SCREWS BEFORE LOCKING.

QTY = 1

0.75" x 2" (TYPICAL)
WHITE LETTERS ON BLACK BACKGROUND

SERVICE DISCONNECT

QTY = 1

SERVICE DISCONNECT

ENERGIZED TRANSFER NEUTRAL DISCONNECTED

QTY = 1

FOR REVIEW ONLY

DRAWINGS AND/OR OTHER TECHNICAL INFORMATION SUPPLIED BY THOMSON POWER SYSTEMS AS A PART OF A SALE OF EQUIPMENT ARE FOR THE PURCHASER'S USE SOLELY IN CONJUNCTION WITH THAT EQUIPMENT, UNLESS SPECIFICALLY AGREED TO OTHERWISE AS A PART OF THE TERMS OF SALE.			
CUSTOMER THOMSON POWER SYSTEMS		WORK ORDER No. W-XXXXXX	
CUSTOMER ORDER No. C-XXXXXX	DATE 16-01-26	REV 0	
DRAWN BY AP	AUTH BY OG	DRAWING/FILE No. MCS870M248	SHEET 10A

APPROVED FOR CONSTRUCTION

MASTER COPY REFERENCE COPY OF _____

MULTIPLE UNIT WORK ORDER

RELEASED FOR INFORMATION

AUTH. BY: _____ DATE: _____

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



**AUTOMATIC TRANSFER SWITCH
MODEL TS 870
PHYSICAL LAYOUT & INSTALLATION DETAILS**
800A, 2P/3P, NEMA 1/2/12, SINGLE DOOR, SE