



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.

MAX. VOLTAGE	RATED CURRENT (A)	NO UPSTREAM OVERCURRENT PROTECTION REQUIRED		
		Ø240V	Ø480V	Ø600V
TS 87xA-250	600	250	65,000	35,000

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.

MAX. VOLTAGE	RATED CURRENT (A)	Ø240V	Ø480V	Ø600V
		TS 87xA-250	600	250

CONNECTION DATA

UTILITY (SRC1)	1C, #6-350MCM Cu/Al PER PHASE
GENERATOR (SRC2)	1C, #6-350MCM Cu/Al PER PHASE
LOAD	1C, #6-350MCM Cu/Al PER PHASE
NEUTRAL	1C, #6-350MCM Cu/Al PER SOURCE
GROUND	3C, #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 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! Rapports-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

**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
TRANSFER ENERGIZED NEUTRAL DISCONNECTED

QTY = 1

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 870
PHYSICAL LAYOUT & INSTALLATION DETAILS
250A, 2P/3P, NEMA 1/2/12/3R, SINGLE DOOR, SE**

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. MCS870M212	SHEET 10A